

DEPARTMENT OF THE NAVY

FY 1999 BUDGET ESTIMATES



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DISTRIBUTION STATEMENT A

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MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

JUSTIFICATION DATA SUBMITTED TO
CONGRESS
FEBRUARY 1998

DTIC QUALITY INSPECTED 4

Department of the Navy
FY 1999 Military Construction and Family Housing Program

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Summary of Locations

<u>State/Country</u>	Auth. Request <u>(\$000)</u>	Appr. Request <u>(\$000)</u>
<u>Inside The United States</u>		
ARIZONA	12,000	12,000
CALIFORNIA	101,440	101,440
DIST OF COLUMBIA	790	790
FLORIDA	3,730	3,730
HAWAII	105,717	105,717
ILLINOIS	13,160	13,160
MARYLAND	6,680	6,680
MISSISSIPPI	10,670	10,670
NORTH CAROLINA	20,640	20,640
RHODE ISLAND	14,770	14,770
SOUTH CAROLINA	19,467	19,467
VIRGINIA	66,740	53,240
WASHINGTON	2,750	2,750
	Subtotal	378,554
		365,054
<u>Outside The United States</u>		
GREECE	5,260	5,260
GUAM	10,310	10,310
ITALY	18,270	18,270
UNITED KINGDOM	2,010	2,010
	Subtotal	35,850
		35,850
<u>Various</u>		
	Subtotal	67,246
		67,246
Total - FY 1999 Military Construction & Family Housing Program	768,763	748,940
Less Family Housing	287,113	280,790
Total - FY 1999 Military Construction Program	481,650	468,150

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<u>State/Country</u>	<u>Proj No.</u>	<u>Location</u>	<u>Auth. Request (\$000)</u>	<u>Appr. Request (\$000)</u>	<u>% Design As Of Jan 98</u>	<u>Page No.</u>
<u>NAVY</u>						
<u>Inside The United States</u>						
ARIZONA		<u>NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA</u>				
	029	OPTIC INTERFEROMETER SUPPORT FACILITY	990	990	100	3
		Subtotal	990	990		
		Total - ARIZONA	990	990		
CALIFORNIA		<u>NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA</u>				
	229	MISSILE MAGAZINE	3,240	3,240	50	19
		Subtotal	3,240	3,240		
		<u>NAVAL AIR STATION, LEMOORE, CALIFORNIA</u>				
	183	AIRFRAMES FACILITY MODIFICATIONS	1,510	1,510	50	31
	195	HANGAR RENOVATIONS	5,430	5,430	50	29
	185	TRAINING FACILITY ADDITION	4,270	4,270	50	25
	105B	WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	9,430	9,430	100	35
		Subtotal	20,640	20,640		
		<u>NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA</u>				
	555	BACHELOR ENLISTED QUARTERS	8,350	8,350	100	43
		Subtotal	8,350	8,350		
		<u>NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA</u>				
	126	SUBMARINE SUPPORT FACILITY	11,400	11,400	50	47
		Subtotal	11,400	11,400		

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<u>State/Country</u>	<u>Proj No.</u>	<u>Location</u>	<u>Auth. Request (\$000)</u>	<u>Appr. Request (\$000)</u>	<u>% Design As Of Jan 98</u>	<u>Page No.</u>
		Total - CALIFORNIA	43,630	43,630		
DIST OF COLUMBIA						
		COMMANDANT, NAVAL DISTRICT, <u>WASHINGTON, DISTRICT OF COLUMBIA</u>				
	336	FITNESS CENTER	790	790	40	53
		Subtotal	790	790		
		Total - DIST OF COLUMBIA	790	790		
FLORIDA						
		NAVAL AIR STATION <u>KEY WEST, FLORIDA</u>				
	604	CHILD DEVELOPMENT CENTER	3,730	3,730	50	57
		Subtotal	3,730	3,730		
		Total - FLORIDA	3,730	3,730		
HAWAII						
		FLEET AND INDUSTRIAL SUPPLY CENTER, <u>PEARL HARBOR, HAWAII</u>				
	154	CENTRAL RECEIVING FACILITY	9,730	9,730	45	69
		Subtotal	9,730	9,730		
		NAVAL STATION, <u>PEARL HARBOR, HAWAII</u>				
	504	ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	18,180	18,180	40	79
		Subtotal	18,180	18,180		
		NAVAL SUBMARINE BASE, <u>PEARL HARBOR, HAWAII</u>				
	147	BACHELOR ENLISTED QUARTERS MODERNIZATION	8,060	8,060	80	85
		Subtotal	8,060	8,060		
		NAVY PUBLIC WORKS CENTER, <u>PEARL HARBOR, HAWAII</u>				
	497	SEWER OUTFALL EXTENSION	22,877	22,877	100	93

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<u>State/Country</u>	<u>Proj No.</u>	<u>Location</u>	<u>Auth. Request (\$000)</u>	<u>Appr. Request (\$000)</u>	<u>% Design As Of Jan 98</u>	<u>Page No.</u>
	410	STEAM CONDENSATE RETURN SYSTEM	6,090	6,090	55	91
		Subtotal	28,967	28,967		
		PEARL HARBOR NAVAL SHIPYARD <u>PEARL HARBOR, HAWAII</u>				
	215	ENGINEERING MANAGEMENT BUILDING	11,400	11,400	50	73
		Subtotal	11,400	11,400		
		NAVAL COMMS AREA MASTER STATION, <u>WAHIAWA, HAWAII</u>				
	155	FIRE STATION	1,970	1,970	70	99
		Subtotal	1,970	1,970		
		Total - HAWAII	78,307	78,307		
ILLINOIS						
		NAVAL TRAINING CENTER, <u>GREAT LAKES, ILLINOIS</u>				
	566	APPLIED INSTRUCTION BUILDING MODIFICATIONS	5,750	5,750	50	103
	518	GAS TURBINE TRAINING FACILITY	7,410	7,410	50	107
		Subtotal	13,160	13,160		
		Total - ILLINOIS	13,160	13,160		
MARYLAND						
		NAVAL SURFACE WARFARE CENTER DIVISION, <u>INDIAN HEAD DIV, INDIAN HEAD, MARYLAND</u>				
	149	ANNEALING OVEN FACILITY	6,680	6,680	55	113
		Subtotal	6,680	6,680		
		Total - MARYLAND	6,680	6,680		
MISSISSIPPI						
		NAVAL CONSTRUCTION BATTALION CENTER, <u>GULFPORT, MISSISSIPPI</u>				
	759	BACHELOR ENLISTED QUARTERS REPLACEMENT	10,670	10,670	100	119

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		Subtotal	10,670	10,670		
		Total - MISSISSIPPI	10,670	10,670		
RHODE ISLAND		NAVAL EDUCATION AND TRAINING CENTER, <u>NEWPORT, RHODE ISLAND</u>				
	406	BOILER PLANT MODIFICATIONS	5,630	5,630	50	137
		Subtotal	5,630	5,630		
		NAVAL UNDERSEA WARFARE CENTER DIVISION, <u>NEWPORT, RHODE ISLAND</u>				
	030	UNDERSEA WARFARE FACILITY	9,140	9,140	60	143
		Subtotal	9,140	9,140		
		Total - RHODE ISLAND	14,770	14,770		
SOUTH CAROLINA		NAVAL WEAPONS STATION, <u>CHARLESTON, SOUTH CAROLINA</u>				
	914	ORDNANCE RAILROAD REALIGNMENT	9,737	9,737	100	153
		Subtotal	9,737	9,737		
		Total - SOUTH CAROLINA	9,737	9,737		
VIRGINIA		NAVAL SURFACE WARFARE CENTER, <u>DAHLGREN DIVISION, DAHLGREN, VIRGINIA</u>				
	255	WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION	5,130	5,130	60	163
		Subtotal	5,130	5,130		
		NAVY TACTICAL TRAINING GROUP, ATLANTIC, <u>DAM NECK, VIRGINIA</u>				
	946	TRAINING BUILDING ADDITION	2,430	2,430	45	169
		Subtotal	2,430	2,430		
		FLEET INDUSTRIAL SUPPLY CENTER, <u>NORFOLK, VIRGINIA</u>				

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<u>State/Country</u>	<u>Proj No.</u>	<u>Location</u>	Auth. Request (\$000)	Appr. Request (\$000)	% Design As Of Jan 98	Page No.
	177	FIRE STATION	1,770	1,770	45	173
		Subtotal	1,770	1,770		
		FLEET TRAINING CENTER, <u>NORFOLK, VIRGINIA</u>				
	179	ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION	5,700	5,700	45	177
		Subtotal	5,700	5,700		
		NAVAL STATION, <u>NORFOLK, VIRGINIA</u>				
	355	BERTHING PIER (PHASE I)	45,530	32,030	45	181
		Subtotal	45,530	32,030		
		NORFOLK NAVAL SHIPYARD, <u>PORTSMOUTH, VIRGINIA</u>				
	378	DREDGING	6,180	6,180	50	185
		Subtotal	6,180	6,180		
		Total - VIRGINIA	66,740	53,240		
WASHINGTON		STRATEGIC WEAPONS FACILITY, PACIFIC <u>BANGOR, WASHINGTON</u>				
	291	SECURITY FACILITY UPGRADES	2,750	2,750	60	189
		Subtotal	2,750	2,750		
		Total - WASHINGTON	2,750	2,750		
		Total - Inside The United States	251,954	238,454		
		<u>Outside The United States</u>				
GREECE		NAVAL SUPPORT ACTIVITY, <u>SOUDA BAY, CRETE</u>				
	726	BACHELOR ENLISTED QUARTERS	5,260	5,260	60	195
		Subtotal	5,260	5,260		
		Total - GREECE	5,260	5,260		

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<u>State/Country</u>	<u>Proj No.</u>	<u>Location</u>	<u>Auth. Request (\$000)</u>	<u>Appr. Request (\$000)</u>	<u>% Design As Of Jan 98</u>	<u>Page No.</u>
GUAM		NAVAL ACTIVITIES, <u>GUAM, MARIANA ISLANDS</u>				
	415	SPECIAL WARFARE UNIT FACILITY	5,500	5,500	100	201
	412	WATERFRONT CONSOLIDATION FACILITIES	4,810	4,810	50	203
		Subtotal	10,310	10,310		
		Total - GUAM	10,310	10,310		
ITALY		NAVAL SUPPORT ACTIVITY, <u>NAPLES, ITALY</u>				
	172	NII PUBLIC WORKS FACILITIES	18,270	18,270	95	209
		Subtotal	18,270	18,270		
		Total - ITALY	18,270	18,270		
UNITED KINGDOM		JOINT MARITIME COMMUNICATIONS CENTER, <u>ST. MAWGAN, UNITED KINGDOM</u>				
	113	EDUCATION CENTER ADDITION	2,010	2,010	45	215
		Subtotal	2,010	2,010		
		Total - UNITED KINGDOM	2,010	2,010		
		Total - Outside The United States	35,850	35,850		
		Total - NAVY	287,804	274,304		
		<u>MARINE CORPS</u>				
		<u>Inside The United States</u>				
ARIZONA		MARINE CORPS AIR STATION, <u>YUMA, ARIZONA</u>				
	415	BACHELOR ENLISTED QUARTERS	11,010	11,010	80	9
		Subtotal	11,010	11,010		
		Total - ARIZONA	11,010	11,010		
CALIFORNIA						

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		MARINE CORPS BASE, <u>CAMP PENDLETON, CALIFORNIA</u>				
	024	BACHELOR ENLISTED QUARTERS	12,400	12,400	60	13
	999	BACHELOR ENLISTED QUARTERS	15,840	15,840	60	15
		Subtotal	28,240	28,240		
		MARINE CORPS AIR STATION, <u>MIRAMAR, CALIFORNIA</u>				
	002	BACHELOR ENLISTED QUARTERS	29,570	29,570	100	39
		Subtotal	29,570	29,570		
		Total - CALIFORNIA	57,810	57,810		
HAWAII						
		MARINE CORPS AIR STATION, <u>KANEOHE BAY, HAWAII</u>				
	286	BACHELOR ENLISTED QUARTERS	27,410	27,410	35	63
		Subtotal	27,410	27,410		
		Total - HAWAII	27,410	27,410		
NORTH CAROLINA						
		MARINE CORPS BASE, <u>CAMP LEJEUNE, NORTH CAROLINA</u>				
	931	FIRE STATION	1,830	1,830	60	123
	062A	INFRASTRUCTURE PHYSICAL SECURITY	12,770	12,770	60	125
		Subtotal	14,600	14,600		
		MARINE CORPS AIR STATION, <u>CHERRY POINT, NORTH CAROLINA</u>				
	011	AIRCRAFT FIRE AND RESCUE STATION ADDITION	1,620	1,620	80	131
	077	CHILD DEVELOPMENT CENTER	4,420	4,420	80	133
		Subtotal	6,040	6,040		
		Total - NORTH CAROLINA	20,640	20,640		
SOUTH CAROLINA						

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<u>State/Country</u>	<u>Proj No.</u>	<u>Location</u>	<u>Auth. Request (\$000)</u>	<u>Appr. Request (\$000)</u>	<u>% Design As Of Jan 98</u>	<u>Page No.</u>
		MARINE CORPS AIR STATION, <u>BEAUFORT, SOUTH CAROLINA</u>				
	385	MISSILE MAGAZINES	1,770	1,770	60	149
		Subtotal	1,770	1,770		
		MARINE CORPS RECRUIT DEPOT <u>PARRIS ISLAND, SOUTH CAROLINA</u>				
	335	WEAPONS BATTALION MESSHALL	7,960	7,960	15	159
		Subtotal	7,960	7,960		
		Total - SOUTH CAROLINA	9,730	9,730		
		Total - Inside The United States	126,600	126,600		
		Total - MARINE CORPS	126,600	126,600		

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Various

VARIOUS LOCATIONS			
VAR	A&E SERVICES AND CONSTRUCTION DESIGN (FAMILY HOUSING)	15,618	15,618
099	UNSPECIFIED MINOR CONSTRUCTION	8,900	8,900
VAR	A&E SERVICES AND CONSTRUCTION DESIGN (NAVY)	49,582	49,582
VAR	A&E SERVICES AND CONSTRUCTION DESIGN (MARINE CORPS)	8,764	8,764
034	POST ACQUISITION CONSTRUCTION (FAMILY HOUSING IMPROVEMENTS)	211,991	211,991
	Subtotal - Military Construction	67,246	67,246
	Subtotal - Military Construction For Family Housing	227,609	227,609
	Total - Various Locations	294,855	294,855
	Total - FY 1999 Military Construction Program	481,650	468,150
	Total - FY 1999 Military Construction Family Housing Program	287,113	280,790
	Grand Total	768,763	748,940

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Mission Status Index

<u>Installation/Location</u> <u>Status</u>	<u>Proj</u> <u>Mission</u> <u>No.</u>	<u>Project Title</u>	<u>Cost</u> <u>(\$000)</u>
<u>Inside The United States</u>			
ARIZONA			
MARINE CORPS AIR STATION, YUMA, ARIZONA	415	BACHELOR ENLISTED QUARTERS	11,010 C
NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA	029	OPTIC INTERFEROMETER SUPPORT FACILITY	990 N
CALIFORNIA			
MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA	002	BACHELOR ENLISTED QUARTERS	29,570 C
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	024	BACHELOR ENLISTED QUARTERS	12,400 C
MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA	999	BACHELOR ENLISTED QUARTERS	15,840 C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	105B	WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	9,430 C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	183	AIRFRAMES FACILITY MODIFICATIONS	1,510 C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	185	TRAINING FACILITY ADDITION	4,270 C
NAVAL AIR STATION, LEMOORE, CALIFORNIA	195	HANGAR RENOVATIONS	5,430 C
NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA	555	BACHELOR ENLISTED QUARTERS	8,350 C
NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA	126	SUBMARINE SUPPORT FACILITY	11,400 C
NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA	229	MISSILE MAGAZINE	3,240 C
DIST OF COLUMBIA			
COMMANDANT, NAVAL DISTRICT, 336 WASHINGTON, DISTRICT OF COLUMBIA		FITNESS CENTER	790 C
FLORIDA			
NAVAL AIR STATION KEY WEST, FLORIDA	604	CHILD DEVELOPMENT CENTER	3,730 C

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<u>Installation/Location</u> <u>Status</u>	<u>Proj</u> <u>Mission</u> <u>No.</u>	<u>Project Title</u>	<u>Cost</u> <u>(\$000)</u>
HAWAII			
FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII	154	CENTRAL RECEIVING FACILITY	9,730 C
MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII	286	BACHELOR ENLISTED QUARTERS	27,410 C
NAVAL COMMS AREA MASTER STATION, WAHIAWA, HAWAII	155	FIRE STATION	1,970 C
NAVAL STATION, PEARL HARBOR, HAWAII	504	ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	18,180 C
NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII	147	BACHELOR ENLISTED QUARTERS MODERNIZATION	8,060 C
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	410	STEAM CONDENSATE RETURN SYSTEM	6,090 C
NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII	497	SEWER OUTFALL EXTENSION	22,877 C
PEARL HARBOR NAVAL SHIPYARD	215	ENGINEERING MANAGEMENT BUILDING	11,400 C
PEARL HARBOR, HAWAII			
ILLINOIS			
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	518	GAS TURBINE TRAINING FACILITY	7,410 C
NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS	566	APPLIED INSTRUCTION BUILDING MODIFICATIONS	5,750 C
MARYLAND			
NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND	149	ANNEALING OVEN FACILITY	6,680 C
MISSISSIPPI			
NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI	759	BACHELOR ENLISTED QUARTERS REPLACEMENT	10,670 C
NORTH CAROLINA			

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<u>Installation/Location</u>	<u>Proj Mission Status</u>	<u>Proj No.</u>	<u>Project Title</u>	<u>Cost</u> <u>(\$000)</u>
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA		011	AIRCRAFT FIRE AND RESCUE STATION ADDITION	1,620 C
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA		077	CHILD DEVELOPMENT CENTER	4,420 C
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		062A	INFRASTRUCTURE PHYSICAL SECURITY	12,770 C
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		931	FIRE STATION	1,830 C
RHODE ISLAND				
NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND		406	BOILER PLANT MODIFICATIONS	5,630 C
NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND		030	UNDERSEA WARFARE FACILITY	9,140 C
SOUTH CAROLINA				
MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA		385	MISSILE MAGAZINES	1,770 C
MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		335	WEAPONS BATTALION MESSHALL	7,960 C
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA		914	ORDNANCE RAILROAD REALIGNMENT	9,737 C
VIRGINIA				
FLEET INDUSTRIAL SUPPLY CENTER, NORFOLK, VIRGINIA		177	FIRE STATION	1,770 C
FLEET TRAINING CENTER, NORFOLK, VIRGINIA		179	ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION	5,700 C
NAVAL STATION, NORFOLK, VIRGINIA		355	BERTHING PIER (PHASE I)	45,530 C
NAVAL SURFACE WARFARE CENTER, DAHlgren DIVISION, DAHlgren, VIRGINIA		255	WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION	5,130 C

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<u>Installation/Location</u>	<u>Proj Mission Status</u>	<u>No.</u>	<u>Project Title</u>	<u>Cost (\$000)</u>
NAVY TACTICAL TRAINING GROUP, ATLANTIC, DAM NECK, VIRGINIA		946	TRAINING BUILDING ADDITION	2,430 C
NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA		378	DREDGING	6,180 C
WASHINGTON				
STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON		291	SECURITY FACILITY UPGRADES	2,750 C
<u>Outside The United States</u>				
GREECE				
NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE		726	BACHELOR ENLISTED QUARTERS	5,260 C
GUAM				
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS		412	WATERFRONT CONSOLIDATION FACILITIES	4,810 C
NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS		415	SPECIAL WARFARE UNIT FACILITY	5,500 C
ITALY				
NAVAL SUPPORT ACTIVITY, NAPLES, ITALY		172	NII PUBLIC WORKS FACILITIES	18,270 C
UNITED KINGDOM				
JOINT MARITIME COMMUNICATIONS CENTER, ST. MAWGAN, UNITED KINGDOM		113	EDUCATION CENTER ADDITION	2,010 N
<u>Various</u>				
NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		099	A & E SERVICES AND CONSTRUCTION DESIGN - PBD 314	58,346 C
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		099	UNSPECIFIED MINOR CONSTRUCTION - PBD 315	8,900 C

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<u>Installation</u>	<u>Location</u>	<u>DD 1390</u> <u>Page No.</u>
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MARINE CORPS AIR STATION, STRATEGIC WEAPONS FACILITY, PACIFIC,	BEAUFORT, SOUTH CAROLINA BANGOR, WASHINGTON	147 187
<u>C</u>		
MARINE CORPS AIR STATION, MARINE CORPS BASE MARINE CORPS BASE, NAVAL AIR WARFARE CENTER, WEAPONS DIV, CHINA LAKE, CALIFORNIA NAVAL WEAPONS STATION,	CHERRY POINT, NORTH CAROLINA CAMP LEJEUNE, NORTH CAROLINA CAMP PENDLETON, CALIFORNIA CHARLESTON, SOUTH CAROLINA	129 121 11 17 151
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NAVAL SURFACE WARFARE CEN , DAHLGREN DIV,	DAHLGREN, VIRGINIA	161
NAVAL TACTICAL TRAINING GROUP,	DAM NECK, VIRGINIA	167
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NAVAL OBSERVATORY STATION,	FLAGSTAFF, ARIZONA	1
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Department of the Navy
FY 1999 Military Construction and Family Housing Program
Installation Index

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MILITARY CONSTRUCTION. NAVY

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, [\$683,666,000] \$468,150,000 to remain available until September 30, [2002] 2003: Provided, that of this amount, not to exceed [\$46,489,000] \$58,346,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor. In addition, for the foregoing purposes, \$13,500,000 to become available on October 1, 1999 and to remain available until September 30, 2004.

**Military Construction, Navy
Program and Financing (in Thousands of dollars)**

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**Budget Plan (amounts for MILITARY
CONSTRUCTION actions programmed)**

Obligations

Identification code	17-1205-0-1-051					
	1997 actual	1998 est.	1999 est.	1997 actual	1998 est.	1999 est.
Program by activities:						
Direct program:						
00.0101	Major construction	649,752	547,347	400,904	718,302	431,837
00.0201	Minor construction	5,115	11,460	8,900	8,731	9,195
00.0301	Planning	49,927	46,489	58,346	51,912	34,999
00.0401	Supporting activities	300			107	50,732
00.9101	Total direct program	705,094	605,296	468,150	779,052	476,031
01.0101	Reimbursable program	474,370	376,000	354,000	488,235	426,000
10.0001	Total	1,179,464	981,296	822,150	1,267,287	902,031
Financing:						
Offsetting collections from:						
11.0001	Federal funds(-)	-418,641	-376,000	-354,000	-422,768	-376,000
14.0001	Non-Federal sources(-)	-55,729			-55,549	
17.0001	Recovery of prior year obligations				-44,213	
21.4002	Unobligated balance available, start of year:					
21.4003	For completion of prior year budget plans					
21.4009	Available to finance new budget plans	-17,780			-356,445	-306,937
24.4002	Reprogramming from/to prior year budget plan	-9,845			-17,780	-386,202
24.4009	Unobligated balance available, end of year:					
25.0001	For completion of prior year budget plans					
39.0001	Unobligated balance expiring	9,845			306,937	386,202
39.0001	Budget authority	687,314	605,296	468,150	687,314	605,296
40.0001	Budget authority:					
40.47901	Appropriation	687,314	678,066	468,150	678,066	468,150
40.47901	Line item veto cancellation (-)		-72,770		-72,770	
43.0001	Appropriation (adjusted)	687,314	605,296	468,150	687,314	605,296
Relation of obligations to outlays:						
71.0001	Obligations incurred	788,970	526,031	424,239		
72.1001	Orders on hand, SOY	-614,102	-624,487	-624,487		
72.4001	Obligated balance, start of year	1,297,304	1,486,637	1,385,231		
74.1001	Orders on hand, EOV	624,487	624,487	624,487		
74.4001	Obligated balance, end of year	-1,486,637	-1,385,231	-1,245,128		
77.0001	Adjustments in expired accounts (net)	-11,401				
78.0001	Adjustments in unexpired accounts	-44,213				
90.0001	Outlays (net)	554,408	627,437	564,342		

Military Construction, Navy
Object Classification (in Thousands of dollars)

xxii

Identification code	17-1205-0-1-051	1997 actual	1998 est.	1999 est.
Direct obligations:				
Personnel compensation:				
111.101	Full-time permanent	1,98,400	94,563	105,654
111.301	Other than full-time permanent	3,620	3,588	3,935
111.501	Other personnel compensation	3,103	3,423	4,303
111.901	Total personnel compensation	105,123	101,574	113,892
112.101	Personnel Benefits: Civilian personnel	13,666	20,161	23,175
113.001	Benefits for former personnel	4,726	416	151
121.001	Travel and transportation of persons	2,695	3,709	4,100
122.001	Transportation of things ^b	1,155	1,562	1,726
123.201	Rental payments to others	3,466	4,783	5,285
124.001	Printing and reproduction	775	1,024	1,132
125.201	Other services with the private sector purchases goods/services (inter/intra) Fed accounts	806	494	522
125.302	Payments to foreign national indirect hire personnel	515	530	506
126.001	Supplies and materials	1,150	1,561	1,726
131.001	Equipment	770	1,024	1,132
132.001	Land and structures	644,205	319,193	260,771
199.001	Total Direct obligations	779,052	476,031	414,118
Reimbursable obligations:				
Personnel Compensation:				
211.101	Full-time permanent	38,206	40,824	23,721
211.301	Other than full-time permanent	1,813	2,183	1,776
211.501	Other personnel compensation	1,300	1,600	1,094
211.901	Total personnel compensation	41,319	44,607	26,591
212.101	Personnel Benefits: Civilian Personnel	20,344	10,758	6,562
213.001	Benefits for former personnel	60	154	30
221.001	Travel and transportation of persons	3,210	3,250	3,270
222.001	Transportation of things ^b	33	35	37
223.201	Rental payments to others	160	170	180
224.001	Printing and reproduction	3,215	3,225	3,240
225.201	Other services with the private sector	1,285	1,365	1,420
226.001	Supplies and materials	65	67	67
231.001	Equipment	97	98	99
232.001	Land and structures	362,271	372,225	
		418,419		

Military Construction, Navy
Object Classification (in Thousands of dollars)

Identification code	17-1705-0-1-051	1997 actual	1998 est.	1999 est.
299.001 Total Reimbursable obligations		408,235	426,000	363,721
Allocation Accounts				
Personnel compensation:				
311.101 Full-time permanent	10			
311.301 Other than full-time permanent	5			
311.501 Other personnel compensation	1			
311.901 Total personnel compensation	16			
312.101 Personnel benefits: Civilian personnel				
321.001 Travel and transportation of persons	1			
322.001 Transportation of things	9			
326.001 Supplies and materials	5			
332.001 Land and structures	54			
399.001 Total Allocation Accounts	315			
999.901 Total obligations	400			
Obligations are distributed as follows:				
Defense-Military: Navy				
Department of Transportation				
Total Obligations	1,267,287	902,031	778,239	
	729,285	617,160	876,715	
			400	
	729,285	617,160	877,115	

DEPARTMENT OF THE NAVY
FY 1999 BIENNIAL MILITARY CONSTRUCTION PROGRAM

SPECIAL PROGRAM CONSIDERATIONS

POLLUTION ABATEMENT:

The military construction projects in this program will be designed to meet environmental standards. The Military construction projects proposed are primarily for the abatement of existing pollution problems at Naval and Marine Corps installations and have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

ENERGY CONSERVATION:

The military construction projects proposed in this program will be designed for minimum energy consumption.

FLOODPLAIN MANAGEMENT AND WETLANDS PROTECTION:

Proposed land acquisition, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Numbers 11988 and 11990.

DESIGN FOR ACCESSIBILITY OF PHYSICALLY HANDICAPPED PERSONNEL:

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

PRESERVATION OF HISTORICAL SITES AND STRUCTURES:

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

PLANNING IN THE NATIONAL CAPITAL REGION:

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Future Years Defense Program (FYDP). Construction projects within the District of Columbia, with the exception of the Bolling/Anacostia area, are submitted to the Commission for approval prior to the start of construction.

ENVIRONMENTAL PROTECTION:

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

ECONOMIC ANALYSIS:

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a primary economic analysis was prepared and the results indicated on the DD Form 1391.

CONSTRUCTION CRITERIA MANUAL:

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

CONGRESSIONAL REPORT REQUIREMENTS

a. Unspecified Minor Construction

Reports:	<u>HNSC</u>	<u>SASC</u>	<u>CASC</u>	<u>Public Law</u>	<u>HAC</u>	<u>SAC</u>	<u>CAC</u>	<u>Public Law</u>
PAGE			842	105-85		18	9,30	

The following is the language of the SAC:

The Navy has completed design for an addition to the enlisted dining facility at Puget Sound Naval Shipyard. This addition is urgently needed to accommodate the increase demand resulting from the construction of two new bachelor enlisted quarters. In addition to seating shortfalls, food space is seriously inadequate and there are no restroom facilities. Of the \$13,860,000 provided to the navy for minor construction, the Committee recommends that no less than \$1,500,000 be provided to complete this project. The Committee expects this contract to be awarded as early in fiscal year 1998 as practical.

b. Planning and Design

Reports:	<u>HNSC</u>	<u>SASC</u>	<u>CASC</u>	<u>Public Law</u>	<u>HAC</u>	<u>SAC</u>	<u>CAC</u>	<u>Public Law</u>
PAGE				105-85		18	9	105-45

The following is the language of the SAC:

Of the \$46,489,000 provided for planning and design within the "Military construction, Navy" account, the Committee directs that not less than \$437,000 to be made available for the design of a warfighting center at the Stennis Space Center, Mississippi. The Committee fully expects this contract to be awarded as early in fiscal year 1998 as practical.

c. California–Naval Ordnance Center, Pacific Division, Fallbrook Detachment

The Committee is concerned that the Navy has taken more than twenty years to dispose of the approximately 34,100 delivery canisters filled with napalm currently stored at the Naval Ordnance Center in Fallbrook, California. The Committee is aware that many of these canisters have been found to be leaking and pose a possible threat to the surrounding community. In March of 1996, the Navy announced an action memorandum for the removal of the napalm by the end of 1999. The Committee directs the Navy to make every effort possible to speed this process and to dispose of these canisters of napalm prior to the end of 1999. The Committee directs the Navy to report on its progress and its plan of work for the completion of this effort. HAC MILCON 105-150 pg 14

d. North Carolina–Cherry Point Marine Corps Air Station

The 1993 Base Realignment and Closure Commission required the relocation of F/A-18 aircraft from Cecil Field Naval Air Station to Cherry Point Marine Corps Air Station. The 1995 Commission changed the receiving site to Oceana Naval Air Station. The Committee understands that environmental impact considerations may preclude stationing at Oceana. The Committee directs the Navy to report regarding the current status of the relocation from Cecil Field, and urges the Navy to reconsider Cherry Point as an option for the receiving site if stationing at Oceana is not feasible. HAC MILCON 105-150 pg 15

e. F/A 18 Relocation

The Committee directs the Navy to conduct an independent study of the decision to relocate F/A 18 aircraft from Cecil Field Naval Air Station. This study shall provide a weighted comparison of the pros and cons of all scenarios in order to determine the optimal solution for relocation. The study shall cover all issues related to readiness, environmental, noise, and other applicable matters. SAC MILCON

f. Puerto Rico--Roosevelt Roads Naval Station

More than 40 years ago, the Navy acquired land abutting Roosevelt Roads Naval Station from the municipality of Ceiba, Puerto Rico. The Committee is concerned about reports that this land has never been utilized, and is aware of proposals by Ceiba to utilize this unused land. The Committee directs the Navy to report on the Navy's plans for taking appropriate cooperative actions for land utilization, including but not limited to agreements for increased access to beaches and to potable water supplies. HAC MILCON 105-150 pg 15

g. Child Development Centers

Testimony before the Committee indicates that the Navy planning system has validated a prioritized list of twenty child development center construction projects, at a total cost of \$53,456,000. The Committee is aware of the Navy's on-going efforts to privatize child development centers in fleet concentration areas in order to 'buy down' the child care requirement through civilian accredited child development centers. Under these arrangements, the service member will pay the same rate as they would pay at an on-base child development center, and the government would pay the contractor any difference in total cost. Criteria for civilian centers to participate in this program is national accreditation. The Navy is also conducting an A-76 Commercial Activities Study in the San Diego area in order to write a performance work statement, develop the government's most efficient organization on a regional basis, and determine if the private sector can effectively compete and meet the requirement at equal or better quality and availability, for equal or less cost to the government. The Committee supports and encourages these efforts to privatize child care, and directs the Navy to report to the Committee on the current status and future plan of work in this area. HAC MILCON 105-150 pg 15

h. California--Twentynine Palms Marine Corps Air-Ground Combat Center: Traffic Safety

Last year a young Marine was killed as he rode his bicycle to work at the Twentynine Palms Marine Corps Air-Ground Combat Center. The Committee directs the Marine Corps to investigate possible improvements in the safety of bicycle traffic to and from the Center, to work with the City of Twentynine Palms toward providing a bicycle path for commuters to the Center, and to report to the Committee on these efforts to improve traffic safety. HAC MILCON 105-150 pg 15

i. Co-Composting Facility, Naval Education and Training Center, Newport, Rhode Island

The HNSC notes the proposal by local municipalities in the vicinity of the Naval Education and Training Center, Newport, Rhode Island, to construct and operate a co-composting facility for joint use with the Department of the Navy on unimproved real property which would be conveyed to a local municipality by the Department for this purpose. The committee directs the Secretary of the Navy to conduct a study of the feasibility of joint use of such a facility, including an assessment of the economic benefit to the Department of the Navy and environmental considerations. The Secretary shall submit a report on the Department's findings, including any recommendations, to the congressional defense committees. HNSC 105-132 pg 154

j. Inter-Departmental Land Transfer, Bellows Air Force Station, Hawaii

The HNSC notes the proposed transfer of certain lands at Bellows Air Force Station, Hawaii, from the administrative jurisdiction of the Department of the Air Force to the jurisdiction of the Department of the Navy for use by the Marine Corps for training activities. The committee understands that both military departments are currently assessing the costs and liabilities expected to accrue to both the Air Force and the Navy in the operation of the training area. The committee urges the military departments to expedite this transfer. The committee directs the Secretary of the Air Force and the Secretary of the Navy to report jointly to the congressional defense committees on issues relating to the proposed transfer including, but not limited to, an assessment of the costs and liabilities of each of the military departments in the management and operation of the training area, environmental effects of the proposed use of the lands for training purposes, and a proposed date for the transfer of jurisdiction from the Air Force to the Navy. The secretaries shall submit their report to the congressional defense committees. HNSC 105-132 pg 456

k. Report on Land Use at NAS Brunswick, Maine

The SASC recognizes there are initiatives by Federal and local agencies for dual commercial and military use of Federal property. Dual-use initiatives can be beneficial for both the Federal Government and local municipalities by maximizing land use at existing military installations. The committee believes a dual-use opportunity is feasible at Naval Air Station, Brunswick, Maine, and directs the Secretary of the Navy to evaluate the feasibility for dual military-civilian use and/or conveyance of real property at the Navy Air Station, Maine. The evaluation will include the operational impacts, financial factors, environmental issues, real estate requirements, and budget impacts of dual use or conveyance. SASC 105-29 pg 378

NON-MILCON CONSTRUCTION:

The following is in response to the requirement on page 24 of the FY 1988 Senate Appropriations Committee Report 100-200 and page 1006 of the FY 1988 Committee of Conference, House and Senate Appropriations Committees Report 100-498:

- a. Operation and Maintenance, Navy*
 - Maintenance and Repair: \$849,200,000
 - Minor Construction: \$28,100,000
- b. Operation and Maintenance, Marine Corps*
 - Maintenance and Repair: \$312,000,000
 - Minor Construction: \$26,000,000
- c. Research and Development, Navy: \$2,006,000

* Maintenance and repair figures reflect project and recurring maintenance requirements totals.

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N0540A NAVAL OBSERVATORY STATION, FLAGSTAFF, ARIZONA				4. Command COMMANDER, NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND				5. Area Constr Cost Index 0.97		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported		Total 19 34	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted		Civilian
	0	0	19	0	0	0	0	0		0
7. INVENTORY DATA										
a. TOTAL ACREAGE (0) b. INVENTORY TOTAL AS OF 30 SEP 1997..... 0 c. AUTHORIZATION NOT YET IN INVENTORY..... 0 d. AUTHORIZATION REQUESTED IN THIS PROGRAM..... 990 e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM..... 0 f. PLANNED IN THE NEXT THREE PROGRAM YEARS..... 0 g. REMAINING DEFICIENCY..... 0 h. GRAND TOTAL..... 990										
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title	Scope	Cost (\$000)	Design Status Start	Complete					
218.45 01/98	OPTIC INTERFEROMTR SUPPFA	447 M2	990	11/96						
TOTAL					990					
9. Future Projects:										
a. Included In The Following Program (FY 2000): NONE b. Major Planned Next Three Years: NONE c. Real Property Maintenance Backlog (\$000): \$ 700										
10. Mission Or Major Functions:										
Determine the positions and motions of celestial bodies, motions of earth, and precise time. Provide astronomical and timing data required by the Navy and other components of the Department of Defense for navigation, precise positioning, and command, control, and communications. Make these data available to other government agencies and to the general public. Conduct relevant research, and perform such other functions as may be directed by higher authority.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0 b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N0540A NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA		4. Project Title OPTIC INTERFEROMETER SUPPORT FACILITY			
5. Program Element 0305112N	6. Category Code 218.45	7. Project Number P-029	8. Project Cost (\$000) 990		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
OPTIC INTERFEROMETER FACILITY		M2	447	1,216.00	540
SUPPORTING FACILITIES		-	-	-	350
UTILITIES		LS	-	-	(170)
PAVING AND SITE IMPROVEMENT		LS	-	-	(90)
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(90)
SUBTOTAL		-	-	-	890
CONTINGENCY (5.0%)		-	-	-	40
TOTAL CONTRACT COST		-	-	-	930
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	60
TOTAL REQUEST		-	-	-	990
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>Two-story, steel-frame building; concrete foundation; metal stud walls; metal roof; fire protection system; heating and ventilation; information systems; utilities; paving and site improvements; and special construction features including special HVAC equipment for clean room; special foundation for vibration isolation of optical tables; and, additional insulation to reduce heat waves.</p>					
11. Requirement: <u>447 M2</u>		Adequate: <u>0 M2</u>		Substandard: <u>(0) M2.</u>	
<p>PROJECT: Constructs an optic interferometer support facility. (Current mission.)</p> <p>REQUIREMENT: Provide a facility for astrometric data collection and analysis as part of the Optic Interferometer Program. Facility will provide space for support and maintenance staff and optics testing with computer support and preparation spaces. It also provides a data communication link to Fleet and other DoD units. The interferometer is used for the determination of precise positions of stellar reference sources to define an inertial reference frame for weapons navigational systems, including guided munitions. This technology is needed to maintain the target accuracies for the Trident and Peacekeeper ballistic missile systems, as well as for aircraft, ground based systems, and tactical weapons. These star positions are also needed to support space surveillance operations for precise geolocation of targets needed for operations.</p> <p>CURRENT SITUATION:</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N0540A NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA		
4. Project Title OPTIC INTERFEROMETER SUPPORT FACILITY	7. Project Number P-029	

(...continued)

Currently, astronomers cannot conduct data collection and analysis required to support space surveillance, targeting, and navigational systems. Astronomers are currently working at the U.S. Observatory in Washington, DC on data which is collected from the interferometer located at Flagstaff, Arizona. The existing interferometer was completed in 1996 as a prototype to test the technology. The prototype proved so successful that a follow-on interferometer originally planned is not required, thereby enabling the conversion of the prototype. Support and maintenance facilities are required for operational support. Lack of support facilities allows for only monthly maintenance, calibration and data retrieval. Upon completion of the facility, twelve astronomers will be transferred to this facility allowing for full time maintenance and analysis.

IMPACT IF NOT PROVIDED:

Without this project, astronomers will not be able to relocate to Flagstaff and support the Optic Interferometer Program full-time. The Navy and DoD will not benefit from the success of the instrument on a full time basis. Strategic and tactical systems will not be provided with state of the art navigation inputs.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 11/96
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 01/98
- (D) Percent Complete As Of September 1997..... 65%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (60)
- (B) All Other Design Costs..... (30)
- (C) Total..... 90
- (D) Contract..... (80)
- (E) In-House..... (10)

Installation POC: Conard Dahn, Phone: (520) 779-5132

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: N0540A

NAVAL OBSERVATORY, FLAGSTAFF, ARIZONA

4. Project Title OPTIC INTERFEROMETER SUPPORT FACILITY	7. Project Number P-029
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(...continued)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Conard Dahn, Phone: (520) 779-5132

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION, YUMA, ARIZONA				4. Command COMMANDANT OF THE MARINE CORPS				5. Area Constr Cost Index 1.05		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	62	827	317	89	45	0	424	4,023	728	6,515
	51	499	366	120	60	0	519	3,621	728	5,964
7. INVENTORY DATA										
a.	TOTAL ACREAGE		(462,616)							
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....								194,770	
c.	AUTHORIZATION NOT YET IN INVENTORY.....								0	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....								11,010	
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....								23,196	
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....								9,991	
g.	REMAINING DEFICIENCY.....								136,630	
h.	GRAND TOTAL.....								375,597	
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title		<u>Scope</u>	<u>Cost</u> (\$000)	<u>Design</u>	<u>Status</u>	<u>Start</u>	<u>Complete</u>		
721.11 06/98	BEQ		6,715 m2	11,010	02/97					
TOTAL										11,010

9. Future Projects:										
a. Included In The Following Program (FY 2000):										
740.43	FITNESS CTR ADDN			892	-		-			
911.10	LAND ACQUISITION			14,700	-		-			
421.22	STA ORDNANCE AREA (PH I)			7,604	-		-			
TOTAL										23,196

b. Major Planned Next Three Years:										
116.35	FY02 - COMBAT A/C LOADING APRON			9,991	-		-			
TOTAL										9,991

c. Real Property Maintenance Backlog (\$000): \$46,218										
10. Mission Or Major Functions:										
Provide facilities, services, and material necessary to support major operating elements of a Marine Aircraft Wing, including aircraft maintenance, air-traffic control, and aviation ordnance handling.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION, YUMA, ARIZONA		4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0206496M	6. Category Code 721.11	7. Project Number P-415	8. Project Cost (\$000) 11,010	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS	m2	6,715	1,377.00	9,250
SUPPORTING FACILITIES	-	-	-	650
UTILITIES	LS	-	-	(230)
PAVING AND SITE IMPROVEMENT	LS	-	-	(270)
DEMOLITION	LS	-	-	(150)
SUBTOTAL	-	-	-	9,900
CONTINGENCY (5.0%)	-	-	-	500
TOTAL CONTRACT COST	-	-	-	10,400
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	610
TOTAL REQUEST	-	-	-	11,010
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Three-story concrete frame building, masonry walls, concrete foundation and floors, sloped metal roof, air conditioning, fire protection system, 158 two-person rooms with private bath and built-in closets; freight elevator, CATV and telephone communications cabling, technical operating manuals, utilities, paving, site improvements, and demolition of two buildings. Grade Mix: 178 E1-E3; 69 E4-E5. Total: 247. Maximum Utilization: 316 E1-E3.

11. Requirement: 1,766 PN Adequate: 541 PN Substandard: (551) PN.

PROJECT:

Provides adequate billeting for 247 personnel using the "2x0" standard. (Current mission.)

REQUIREMENT:

Adequate and modern bachelor quarters which meet quality of life standards for enlisted personnel.

CURRENT SITUATION:

Personnel are housed in inadequate, 40-year-old, wooden barracks with gang heads and showers. These buildings are not in compliance with current life, safety, fire, and seismic requirements.

IMPACT IF NOT PROVIDED:

Personnel will continue to be housed in inadequate and unsafe buildings, and endure a lower quality of life to the detriment of morale and retention efforts

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M62974 MARINE CORPS AIR STATION, YUMA, ARIZONA		
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-415	
(...continued)		
12. Supplemental Data:		
A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)		
(1) Status:		
(A) Date Design Started..... 02/97		
(B) Date Design 35% Complete..... 06/97		
(C) Date Design Complete..... 06/98		
(D) Percent Complete As Of September 1997..... 50%		
(E) Percent Complete As Of January 1998..... 80%		
(2) Basis:		
(A) Standard or Definitive Design: YES		
(B) Where Design Was Most Recently Used: stndrd 2x0		
(3) Total Cost (C) = (A) + (B) Or (D) + (E):		
(A) Production of Plans and Specifications..... (590)		
(B) All Other Design Costs..... (410)		
(C) Total..... 1,000		
(D) Contract..... (890)		
(E) In-House..... (110)		
(4) Construction Start..... 12/98		
B. Equipment associated with this project which will be provided from other appropriations: NONE.		
C. Real Property Maintenance (past two years) (\$000): 9,300		
D. Future requirements for unaccompanied housing at this installation: 974 PN		
Installation POC: Cdr William Gray, Phone: (520) 341-2051		

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98			
3. Installation and Location/UIC: M00681 MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA				4. Command COMMANDANT OF THE MARINE CORPS				5. Area Constr Cost Index 1.10				
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total		
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian			
	286	1,066	1,542	69	5,477	0	2,213	29,019	3,908		43,580	
	166	1,090	1,566	147	6,678	0	2,542	30,778	3,867	46,834		
7. INVENTORY DATA												
a.	TOTAL ACREAGE		(186,061)									
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....									985,610		
c.	AUTHORIZATION NOT YET IN INVENTORY.....									0		
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....									28,240		
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									2,300		
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....									61,642		
g.	REMAINING DEFICIENCY.....									444,400		
h.	GRAND TOTAL.....									1,522,192		
8. Projects Requested In This Program:												
Category Code	Project Title		Scope	Cost (\$000)	Design Status Start	Complete						
721.11 06/98	BACHELOR ENLISTED QTRS		6,800 m2	12,400	03/97							
721.11 06/98	BEQ		8,500 m2	15,840	03/97							
		TOTAL		28,240								
9. Future Projects:												
a. Included In The Following Program (FY 2000):												
131.15	INTEGRATED COMM HUB		2,300	-								
		TOTAL		2,300								
b. Major Planned Next Three Years:												
214.51	FY01 - TACT VEHICLE MAINT FAC		8,358	-								
740.43	FY02 - FITNESS CENTER/SAN ONOFRE		5,000	-								
111.10	FY03 - HELO OUTLINE LAND FIELD		15,484	-								
171.10	FY03 - STAFF NCO ACADEMY		14,000	-								
721.11	FY03 - BACHELOR ENLISTED QUARTERS		15,700	-								
116.55	FY02 - AMMUNITION HANDLING SITE		3,100	-								
		TOTAL		61,642								
c. Real Property Maintenance Backlog (\$000): \$118,385												
10. Mission Or Major Functions:												
Provide housing, training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.												
11. Outstanding Pollution And Safety Deficiencies (\$000):												
a. Pollution Abatement (*): \$0												
b. Occupational Safety And Health (OSH) (#): \$0												

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M00681 MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA		4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0206496M	6. Category Code 721.11	7. Project Number P-024	8. Project Cost (\$000) 12,400	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS	m2	6,800	-	10,390
BUILDING	m2	6,800	1,513.00	(10,290)
BUILT-IN EQUIPMENT	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	750
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(270)
UTILITIES	LS	-	-	(270)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(210)
SUBTOTAL	-	-	-	11,140
CONTINGENCY (5.0%)	-	-	-	560
TOTAL CONTRACT COST	-	-	-	11,700
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	700
TOTAL REQUEST	-	-	-	12,400
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story reinforced concrete masonry building, concrete floors, pile foundation, 160 2x0 rooms, semi-private bath and built-in closets; service elevator, metal roofing, electrical, mechanical and plumbing systems, energy-saving electronic monitors, fire alarm and protection systems, recreation facilities/courts/ fields, CATV and telephone communications cabling, technical operating manuals, utilities, paving, and site improvements. Intended Grade Mix: 192 E1-E3; 64 E4-E5. Total 256. Maximum Utilization: 320 E1-E3.

11. Requirement: 14,029 PN Adequate: 9,944 PN Substandard: (842) PN.

PROJECT:

Constructs bachelor enlisted quarters to the "2x0" standard for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate housing that meets current quality of life standards.

CURRENT SITUATION:

Marines are housed in inadequate, open-bay, facilities constructed in the 1940's and 50's. These facilities are grossly lacking in quality of life requirements and are fire, safety, and seismically non-compliant.

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																						
3. Installation and Location/UIC: M00681 MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA																									
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number P-024																							
<p>(...continued)</p> <p>Without this project, personnel will continue to be billeted in inadequate and unsafe buildings, and endure unnecessary quality of life hardships to the detriment of morale and retention efforts.</p>																									
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr> <td>(A) Date Design Started.....</td> <td>03/97</td> </tr> <tr> <td>(B) Date Design 35% Complete.....</td> <td>06/97</td> </tr> <tr> <td>(C) Date Design Complete.....</td> <td>06/98</td> </tr> <tr> <td>(D) Percent Complete As Of September 1997.....</td> <td>40%</td> </tr> <tr> <td>(E) Percent Complete As Of January 1998.....</td> <td>60%</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design: YES</td> </tr> <tr> <td>(B) Where Design Was Most Recently Used: stndrd 2x0</td> </tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr> <td>(A) Production of Plans and Specifications.....</td> <td>(690)</td> </tr> <tr> <td>(B) All Other Design Costs.....</td> <td>(350)</td> </tr> <tr> <td>(C) Total.....</td> <td>1,040</td> </tr> <tr> <td>(D) Contract.....</td> <td>(920)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(120)</td> </tr> </table> <p>(4) Construction Start..... 12/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. Real Property Maintenance (past two years) (\$000): 33,900</p> <p>D. Future requirements for unaccompanied housing at this installation: 10198 PN</p> <p>Installation POC: Cdr Mark Sarles, Phone: (619) 725-5641</p>				(A) Date Design Started.....	03/97	(B) Date Design 35% Complete.....	06/97	(C) Date Design Complete.....	06/98	(D) Percent Complete As Of September 1997.....	40%	(E) Percent Complete As Of January 1998.....	60%	(A) Standard or Definitive Design: YES	(B) Where Design Was Most Recently Used: stndrd 2x0	(A) Production of Plans and Specifications.....	(690)	(B) All Other Design Costs.....	(350)	(C) Total.....	1,040	(D) Contract.....	(920)	(E) In-House.....	(120)
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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98																																																																																											
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10. Description of Proposed Construction					<p>Multi-story reinforced concrete masonry building, concrete floors, pile foundation; 200 two-person rooms with semi-private baths and built-in closets; service elevator, metal roofing, electrical, mechanical and plumbing systems, energy-saving electronic monitors, fire alarm and protection systems, utilities, recreation facilities/courts/fields, paved walks, parking and roadway, access, CATV and telephone communications cabling, technical operating manuals, paving, and site improvements.</p> <p>Intended Grade Mix: 251 E1-E3; 75 E4-E5. Total: 326. Maximum Utilization: 400 E1-E3.</p>																																																																																										
11. Requirement: <u>14,029 PN</u>		Adequate: <u>9,944 PN</u>		Substandard: <u>(842) PN.</u>																																																																																											
<p>PROJECT: Constructs bachelor enlisted quarters to the "2x0" standard for 326 enlisted personnel. (Current mission.)</p> <p>REQUIREMENT: Adequate housing that meets current quality of life standards.</p> <p>CURRENT SITUATION: Personnel are housed in inadequate, 40-year old facilities with gang heads and showers. These buildings are not in compliance with current life, safety, fire and seismic/structural requirements, and are inadequate.</p> <p>IMPACT IF NOT PROVIDED:</p>																																																																																															
<i>(Continued On DD 1391C...)</i>																																																																																															

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																						
3. Installation and Location/UIC: M00681 MARINE CORPS BASE, CAMP PENDLETON, CALIFORNIA																									
4. Project Title BACHELOR ENLISTED QUARTERS		7. Project Number P-999																							
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Installation POC: Cdr Mark Sarles, Phone: (619) 725-5641

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N60530 NAVAL AIR WARFARE CENTER, WEAPONS DIV, CHINA LAKE, CALIFORNIA				4. Command NAVAL AIR SYSTEMS COMMAND				5. Area Constr Cost Index 1.29		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	91	644	3,711	0	0	0	10	30	0	
									4,486	
									4,913	
7. INVENTORY DATA										
a.	TOTAL ACREAGE		(1,102,684)							
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....		364,490							
c.	AUTHORIZATION NOT YET IN INVENTORY.....		0							
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....		3,240							
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....		0							
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....		46,530							
g.	REMAINING DEFICIENCY.....		144,640							
h.	GRAND TOTAL.....		558,900							
8. Projects Requested In This Program:										
Category <u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>Cost</u> (\$000)	<u>Design</u>	<u>Status</u>				
421.72 08/98	MISSILE MAGAZINE		1,140 M2	3,240	01/97					
TOTAL							3,240			

9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
371.12	FY01 - MISSILE ORDN RANGE FAC			5,100	-	-				
141.70	FY01 - AIRTRAFFIC CONTROL TOWER			4,000	-	-				
321.10	FY03 - SURV LIVE FIRE TEST&EVAL			12,100	-	-				
318.15	FY01 - PROPULSION FUEL LAB REPL			23,000	-	-				
390.18	FY02 - MISSILE MOTOR TEST FAC UPG			2,330	-	-				
TOTAL							46,530			

c. Real Property Maintenance Backlog (\$000): \$75,824										
10. Mission Or Major Functions:										
Principal Navy RDT&E center for air warfare and missile weapons systems. Maintains the primary in-house research and development capability for systems, subsystems and technologies included but not limited to strike aircraft/weapons systems and concept development; air launched weapons and associated avionics systems including aircraft guns and ammunition, guided and unguided weapons, aircraft weapons control and aircraft/ weapons interface, tactical missiles; subsystems for weapons systems which include propulsion, guidance and control, warheads, fuel and launchers; strike warfare countermeasures; weather modification; and parachute test and evaluation.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N60530 NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA		4. Project Title MISSILE MAGAZINE		
5. Program Element 0605001N	6. Category Code 421.72	7. Project Number P-229	8. Project Cost (\$000) 3,240	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
MISSILE MAGAZINE	M2	1,140	-	2,350
HIGH PERFORMANCE MAGAZINE	M2	1,140	2,017.00	(2,300)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	560
UTILITIES	LS	-	-	(170)
PAVING AND SITE IMPROVEMENT	LS	-	-	(300)
DEMOLITION	LS	-	-	(90)
SUBTOTAL	-	-	-	2,910
CONTINGENCY (5.0%)	-	-	-	150
TOTAL CONTRACT COST	-	-	-	3,060
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	180
TOTAL REQUEST	-	-	-	3,240
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

High performance magazine of reinforced concrete floor, earthen bermed lightweight concrete walls; rigid metal frame and roof over storage bays and loading dock; environmentally controlled systems and Seismic IV construction; bridge cranes, security fencing, paving, and site improvements, technical operating manuals, and demolition of three magazines.

11. Requirement: 1,140 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Construct high-performance missile magazine. (Current mission.)

REQUIREMENT:

Adequate storage facilities required by this activity's mission for the storage of large missiles and missile motors on a ready for use basis. Due to the size and weight of the missiles, handling procedures must include fork lift access both inside and outside the magazines. Modern containerization, palletization and handling require forklift or crane handling and stacking of large missiles in magazines. The magazines will support Fleet and R&D programs. This support extends to a fleet test squadron, VX-9; the Weapons Test Squadron (WTS); numerous tactical fleet squadrons; fleet problem resolution and retrofit programs; Joint Service exercises; various Foreign Missile Exploitation (FME) and Foreign Military Sales (FMS) programs. They are also used by programs that utilize the activity's test tracks and ranges. The magazines will provide adequate

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N60530 NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA		
4. Project Title MISSILE MAGAZINE	7. Project Number P-229	

(...continued)

storage for modern weapons and surplus, modified missiles used for testing, including Harpoon, SLAM, Tomahawk, Sergeant, Nike, FME, and HARM, that cannot be accommodated in existing facilities.

CURRENT SITUATION:

The activity's magazines are 1940's vintage, obsolete for storage of large missiles and are showing major signs of deterioration due to rusting of their steel plate arch. The most severe rusting caused the abandonment of three magazines included for demolition under this project and a fourth that failed structurally. All four magazines showing structural failure have been taken out of service. Obsolescence, including magazine access and the arched roof, limits handling to hand operated lifts and missile storage to a marginally safe operation. Missiles that are 3'x3'x13' to 20' long, weighing between 3,000 and 8,000 pounds do not fit. There is only one magazine considered adequate for large missile storage, and it is being utilized by the TRIDENT program. Open storage is not an alternative because of security and climate extremes in the desert.

IMPACT IF NOT PROVIDED:

The need for adequate large missile storage will continue as standoff weapons are used to keep launch platforms out of the battlefield environment. If not provided, the Station will have to lease Army storage space, if made available, at Hawthorne, Nevada and truck missiles for a 560 mile round trip for an annual cost of \$500K in order to meet ready for use requirements.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: stndrd

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (200)

Installation POC: Capt William Ostag, Phone: (619) 939-2211

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: N60530

NAVAL WEAPONS CENTER, CHINA LAKE, CALIFORNIA

4. Project Title MISSILE MAGAZINE	7. Project Number P-229
--------------------------------------	----------------------------

(...continued)

(B) All Other Design Costs.....	(100)
(C) Total.....	300
(D) Contract.....	(260)
(E) In-House.....	(40)
(4) Construction Start..... 11/98	

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Capt William Ostag, Phone: (619) 939-2211

DD Form 1391C As Submitted to Congress
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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA				4. Command COMMANDER IN CHIEF, PACIFIC FLEET				5. Area Constr Cost Index 1.17

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	637	3,941	926	2	184	0	44	105	0	5,839
b. End FY 2004	785	4,697	984	0	0	0	44	105	0	6,615

7. INVENTORY DATA

a. TOTAL ACREAGE	(39,173)	
b. INVENTORY TOTAL AS OF 30 SEP 1997.....	204,600	
c. AUTHORIZATION NOT YET IN INVENTORY.....	0	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	20,640	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	23,710	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	81,630	
g. REMAINING DEFICIENCY.....	50,550	
h. GRAND TOTAL.....	381,130	

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost (\$000)	Design Status Start Complete
421.72 09/97	WEAPONS ASSEMBLY FAC IMPRV	2,437 m2	9,430	09/96
211.08 06/98	AIRFRAMES FAC MODS	2,230 M2	1,510	06/97
171.20 06/98	TRAINING FACILITY ADDN	2,230 M2	4,270	06/97
211.05 06/98	HANGAR RENOVATIONS	10,815 M2	5,430	06/97

TOTAL				20,640

9. Future Projects:

a. Included In The Following Program (FY 2000):

116.35	AIRCRAFT ORD LOADING FACS	11,600	-	-
171.20	F/A-18E/F FIGHTER WPNS SCH	3,810	-	-
211.21	F/A-18E/F ENGNE MAINT SHOP	2,400	-	-
211.54	F/A-18E/F ARMAMENTS SHOP	5,900	-	-

TOTAL				23,710

b. Major Planned Next Three Years:

740.43	FY03 - FITNESS CENTER ADDN	5,100	-	-
730.81	FY03 - NAVY CAAC (F/A-18E/F)	2,630	-	-
740.55	FY03 - YOUTH CENTER (F/A-18E/F)	1,900	-	-
740.74	FY03 - CHILD DEVELOPMENT CENTER	2,400	-	-
724.11	FY03 - BOQ (F/A-18E/F)	3,900	-	-
721.12	FY02 - BEQ (E5-6)	16,200	-	-
721.11	FY02 - BEQ (E1-E4 (F/A-18E/F))	28,000	-	-
721.11	FY01 - BEQ	21,500	-	-

TOTAL				81,630

c. Real Property Maintenance Backlog (\$000): \$88,190

10. Mission Or Major Functions:

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA	4. Command COMMANDER IN CHIEF, PACIFIC FLEET	5. Area Constr Cost Index 1.17	

(...continued)

Maintain and operate facilities and provide services and materials to support operations of aviation activities of the Pacific Fleet. As part of Base Closure 93, this base will be the homeport for all Pacific Fleet F-14 and E-2C squadrons; in addition to the F/A-18 squadrons based there today. Fleet Light Attack (F/A-18) Squadrons Replacement Training Squadron

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		4. Project Title TRAINING FACILITY ADDITION		
5. Program Element 0204696N	6. Category Code 171.20	7. Project Number P-185	8. Project Cost (\$000) 4,270	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
TRAINING FACILITY ADDITION	M2	2,230	1,382.00	3,080
SUPPORTING FACILITIES	-	-	-	760
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(160)
ELECTRICAL UTILITIES	LS	-	-	(220)
MECHANICAL UTILITIES	LS	-	-	(220)
PAVING AND SITE IMPROVEMENT	LS	-	-	(160)

SUBTOTAL	-	-	-	3,840
CONTINGENCY (5.0%)	-	-	-	190

TOTAL CONTRACT COST	-	-	-	4,030
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	240

TOTAL REQUEST	-	-	-	4,270
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(39,874)

10. Description of Proposed Construction

One-story, high-bay building addition; classrooms and administrative area for six maintenance trainers; heating, ventilating, laboratory environmental controls including work station vacuum, air circulation and filtration, air conditioning systems; improvements to the existing electrical and mechanical utilities; Seismic Zone 4 construction and fire protection criteria; connection to existing utilities and computer network system.

11. Requirement: 6,448 M2 Adequate: 4,218 M2 Substandard: (4,779) M2.

PROJECT:

Constructs an addition to the Naval Air Maintenance Training (NAMTRA) building for the NAMTRA Detachment to accommodate the increased training requirement associated with the introduction of the F/A-18 E/F aircraft. It will also reallocate spaces to accommodate F/A-18 E/F Environmental Controls Systems trainer and Landing Gear/Hydraulic Systems trainer. (New mission.)

REQUIREMENT:

Adequate and properly-configured facility to provide space and utilities for a set of six additional trainers and 12 associated classrooms for organizational level maintenance training, trainers, and classrooms for intermediate level training, naval air operations and maintenance training hangar, and testing spaces. Introduction of the F/A-18E/F aircraft requires an expansion and modification of NAMTRADET facilities at Lemoore.

CURRENT SITUATION:

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		
4. Project Title TRAINING FACILITY ADDITION	7. Project Number P-185	

(...continued)

The existing NAMTRA facilities are fully utilized in support of the F/A-18 aircraft community now based at Lemoore. Space deficiencies exist for the following trainer functions: avionics, fuel systems, flight controls, "I" level engine room, and 12 classrooms. In the latter part of 1999, the Navy plans to begin replacing older aircraft (F-14s) currently operating in the fleet from both land bases and aircraft carriers throughout the world with one new F/A-18 E/F (Super Hornet) aircraft. NAS Lemoore will accommodate four additional fleet squadrons and one fleet replacement squadron of F/A-18 E/F aircraft between 1999 and 2003. Currently, NAMTRADET provides organizational and intermediate level aircraft maintenance instruction for ten fleet F/A-18 A/D squadrons and one fleet replacement squadron. Instruction by NAMTRADET is also provided to foreign military personnel and other squadrons throughout the Pacific region. The existing facility does not contain sufficient resources to accommodate the specialized training required to support instruction on the F/A-18 E/F aircraft. Instructor support spaces are allocated based on the number of instructors (50). Student support spaces are allocated based on an average on-board student loading of 142. The administrative space requirement will be incorporated into the existing NAMTRADET staff.

IMPACT IF NOT PROVIDED:

The F/A-18 E/F aircraft scheduled for introduction beginning in late FY 1999 represent a total new weapon system investment of over \$3 billion. Without this project, adequate space will not be available to support the additional 30 instructors and 900 students resulting from the introduction of the F/A-18 E/F. Efficient support of aircraft maintenance will not be achieved.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		
4. Project Title TRAINING FACILITY ADDITION	7. Project Number P-185	

(...continued)

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(260)
(B) All Other Design Costs.....	(130)
(C) Total.....	390
(D) Contract.....	(350)
(E) In-House.....	(40)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Fiscal Year		Cost (\$000)
	Procuring Appropriation	Appropriated Or Requested	
MAINTENANCE TRAINING SYSTEM	APN	1997	39,874
		TOTAL	39,874

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		4. Project Title HANGAR RENOVATIONS			
5. Program Element 0204696N	6. Category Code 211.05	7. Project Number P-195	8. Project Cost (\$000) 5,430		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
HANGAR RENOVATIONS		M2	10,815	425.00	4,600
SUPPORTING FACILITIES		-	-	-	280
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(80)
UTILITIES		LS	-	-	(100)
PAVING, SITE IMPRS, AND DEMOLITION		LS	-	-	(100)
SUBTOTAL		-	-	-	4,880
CONTINGENCY (5.0%)		-	-	-	240
TOTAL CONTRACT COST		-	-	-	5,120
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	310
TOTAL REQUEST		-	-	-	5,430
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>Modify and renovate hangar shops, administrative spaces; modify hangar deck from a five module configuration to four; restroom expansion; sensitive compartmented information facility (SCIF) construction; fire protection system, heating, ventilating and electrical utilities systems upgrades; paint both interior and exterior, repair roofs and upgrade the adjacent aircraft parking apron (re-striping), and demolition.</p>					
11. Requirement: <u>10,815 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2</u>		
<p>PROJECT: Rehabilitate and modernize Hangar 4 to accommodate four new F/A-18 "F" type fleet squadrons. (New mission.)</p> <p>REQUIREMENT: Adequate and properly-configured facilities to accommodate the introduction of F/A-18 E/F aircraft (replacement for the F-14) at this station. The first of four F/A-18 E/F squadrons will be based at Lemoore by November 1999. Hangar 4 was originally constructed to support A4 aircraft and requires modification to support the new F/A-18 E/F squadrons. Also required is SCIF space to support F/A-18 E/F flight operations for briefing and debriefing training flight crews.</p> <p>CURRENT SITUATION: Hangar 4 has been vacated for over four years. Hangar bay, maintenance, and administrative spaces are in disrepair, and require complete modification to accommodate the new squadrons. Hangar modules are not properly configured to support F/A-18 squadrons.</p> <p>IMPACT IF NOT PROVIDED:</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																						
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA																									
4. Project Title HANGAR RENOVATIONS	7. Project Number P-195																								
<p><i>(...continued)</i></p> <p>Without this project, the squadron's ability to perform its mission would be adversely impacted. Efficient support of aircraft operations and maintenance will not be achieved. Existing hangar configurations will not support F/A-18 E/F operations.</p>																									
12. Supplemental Data:																									
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr> <td>(A) Date Design Started.....</td> <td>06/97</td> </tr> <tr> <td>(B) Date Design 35% Complete.....</td> <td>09/97</td> </tr> <tr> <td>(C) Date Design Complete.....</td> <td>06/98</td> </tr> <tr> <td>(D) Percent Complete As Of September 1997.....</td> <td>35%</td> </tr> <tr> <td>(E) Percent Complete As Of January 1998.....</td> <td>50%</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design: NO</td> </tr> <tr> <td>(B) Where Design Was Most Recently Used:</td> </tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr> <td>(A) Production of Plans and Specifications.....</td> <td>(330)</td> </tr> <tr> <td>(B) All Other Design Costs.....</td> <td>(170)</td> </tr> <tr> <td>(C) Total.....</td> <td>500</td> </tr> <tr> <td>(D) Contract.....</td> <td>(440)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(60)</td> </tr> </table> <p>(4) Construction Start..... 10/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>				(A) Date Design Started.....	06/97	(B) Date Design 35% Complete.....	09/97	(C) Date Design Complete.....	06/98	(D) Percent Complete As Of September 1997.....	35%	(E) Percent Complete As Of January 1998.....	50%	(A) Standard or Definitive Design: NO	(B) Where Design Was Most Recently Used:	(A) Production of Plans and Specifications.....	(330)	(B) All Other Design Costs.....	(170)	(C) Total.....	500	(D) Contract.....	(440)	(E) In-House.....	(60)
(A) Date Design Started.....	06/97																								
(B) Date Design 35% Complete.....	09/97																								
(C) Date Design Complete.....	06/98																								
(D) Percent Complete As Of September 1997.....	35%																								
(E) Percent Complete As Of January 1998.....	50%																								
(A) Standard or Definitive Design: NO																									
(B) Where Design Was Most Recently Used:																									
(A) Production of Plans and Specifications.....	(330)																								
(B) All Other Design Costs.....	(170)																								
(C) Total.....	500																								
(D) Contract.....	(440)																								
(E) In-House.....	(60)																								

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

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February 1998

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		4. Project Title AIRFRAMES FACILITY MODIFICATIONS			
5. Program Element 0204696N	6. Category Code 211.08	7. Project Number P-183	8. Project Cost (\$000) 1,510		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
AIRFRAMES FACILITY MODIFICATIONS		M2	2,230	506.00	1,130
SUPPORTING FACILITIES		-	-	-	220
UTILITIES		LS	-	-	(220)
SUBTOTAL		-	-	-	1,350
CONTINGENCY (5.0%)		-	-	-	70
TOTAL CONTRACT COST		-	-	-	1,420
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	90
TOTAL REQUEST		-	-	-	1,510
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>Renovates and modifies a single story steel-frame and concrete masonry unit building; upgrade airframe shops layouts; provide shop space for tire and wheel, non-destructive inspection, fiberglass repair, hydraulics and pneumatics systems, structures, machine, welding, cleaning and painting; heating, ventilating, and air-conditioning, electrical and mechanical utilities, and fire protection systems; seismic zone 4 construction.</p>					
11. Requirement: <u>2,230 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2</u>		
<p>PROJECT: Modify the existing shop layouts and upgrade the equipment of the existing facility to accommodate maintenance of the new F/A-18 E/F aircraft airframe system parts and components. (New mission.)</p>					
<p>REQUIREMENT: Adequate facilities to provide intermediate maintenance services for the existing F/A-18 aircraft currently stationed at NAS Lemoore and accommodate the introduction of the F/A-18E aircraft at this station beginning November 1999. The shops that need expansion and/or additional spaces are: tire and wheel, nondestructive inspection, fiberglass inspection and repair, hydraulics and pneumatics, structures, machine, cleaning, painting and welding. The existing airframes shops provide the space, utilities, and equipment required to disassemble, clean, repair, modify, assemble, and test airframe systems parts and components to the current F/A-18 aircraft. There is no excess capacity available to provide the services for the F/A-18 E/F aircraft as they arrive. Planned loading is 258 F/A-18(A-F) aircraft. Administrative support space in this facility is required for 18 personnel.</p>					
<p>CURRENT SITUATION:</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		
4. Project Title AIRFRAMES FACILITY MODIFICATIONS	7. Project Number P-183	

(...continued)

The existing facility is fully utilized in support of the F/A-18 aircraft now based at Lemoore. In 1999, the Navy plans to begin the replacement of older aircraft currently operating in the Navy Fleet with the new F/A-18 E/F aircraft (Super Hornets). It is anticipated that NAS Lemoore will receive four standard fleet squadrons and one fleet replacement squadron of F/A-18 E/F aircraft between 1999 and 2003. NAS Lemoore currently provides aircraft intermediate maintenance for 10 Fleet squadrons and one Fleet replacement squadron of F/A-18 A/D variants in the airframes shop located within Bldg. 188. The total airframes shop space is not configured to accommodate the upcoming changes in airframes system parts and components inherent in the new F/A-18 E/F aircraft. Modifications and upgrades to this facility will allow it to meet the requirements for the new aircraft.

IMPACT IF NOT PROVIDED:

Without this project, the Navy will not be able to provide efficient and adequate aircraft maintenance for the new F/A-18 E/F aircraft.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(90)
(B) All Other Design Costs.....	(50)
(C) Total.....	140
(D) Contract.....	(120)
(E) In-House.....	(20)

(4) Construction Start..... 10/98

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		
4. Project Title AIRFRAMES FACILITY MODIFICATIONS	7. Project Number P-183	

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

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February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		4. Project Title WEAPONS ASSEMBLY FACILITY IMPROVEMENTS		
5. Program Element 0204696N	6. Category Code 421.72	7. Project Number P-105B	8. Project Cost (\$000) 9,430	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
WEAPONS ASSEMBLY FACILITY IMPROVEMENTS				
BUILDING	m2	2,437	-	3,620
MISSILE MAGAZINE	m2	467	2,516.00	(1,170)
SHIPPING AND RECEIVING AREA	m2	500	1,900.00	(950)
ORDNANCE OPERATIONS BUILDING ADDITION	m2	372	1,330.00	(490)
BUILDING MODIFICATIONS	m2	232	1,486.00	(340)
TRUCK HOLDING AND PACKING AREA	m2	260	1,490.00	(390)
MISSILE MAGAZINE RENOVATION	LS	606	220.00	(130)
TECHNICAL OPERATING MANUALS	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	4,860
ELECTRICAL UTILITIES	LS	-	-	(1,000)
MECHANICAL UTILITIES	LS	-	-	(1,000)
PAVING AND SITE IMPROVEMENT	LS	-	-	(2,860)
SUBTOTAL				-----
CONTINGENCY (5.0%)				8,480
TOTAL CONTRACT COST				420
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)				-----
TOTAL REQUEST				8,900
EQUIPMENT FROM OTHER APPROPRIATIONS				530

				9,430
			(NON-ADD)	(0)

10. Description of Proposed Construction

Improvements to include pre-engineered building for weapons assembly; one reinforced concrete Type "C" box missile magazine; widening of doors to five existing magazines; packaging/receiving facility; packing area and building addition, ordnance operations building; technical operating manuals, toilet, store rooms, tool/support rooms, monorail, hoist systems, pneumatic utility systems, fire and lightning protection, and explosive proof electrical systems.

11. Requirement: 2,437 m² Adequate: 0 m² Substandard: (0) m².

PROJECT:

Provides a new missile magazine and improvements to an existing facility to accommodate weapons assembly. (Current mission.)

REQUIREMENT:

Adequate facilities to support unwaived ordnance operations. This project will eliminate three existing CNO waivers that were approved to permit ordnance handling/storage on an interim basis pending completion of facility improvements. The magazine has larger doors, which are required to support the new, longer missiles, such as SLAM, AMRAAM, HARPON, and others.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63042 NAVAL AIR STATION, LEMOORE, CALIFORNIA		
4. Project Title WEAPONS ASSEMBLY FACILITY IMPROVEMENTS	7. Project Number P-105B	

(...continued)

CURRENT SITUATION:

Storage and assembly of live ordnance is done in inadequate and antiquated facilities under waiver conditions.

IMPACT IF NOT PROVIDED:

Without this project, operations will continue in inadequate facilities. Waivered conditions will remain, which affects ordnance and personnel safety

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	09/96
(B) Date Design 35% Complete.....	11/96
(C) Date Design Complete.....	09/97
(D) Percent Complete As Of September 1997.....	100%
(E) Percent Complete As Of January 1998.....	100%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(570)
(B) All Other Design Costs.....	(280)
(C) Total.....	850
(D) Contract.....	(750)
(E) In-House.....	(100)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Cdr Paul McMahon, Phone: (209) 998-4091

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA				4. Command COMMANDANT OF THE MARINE CORPS				5. Area Constr Cost Index 1.15			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	15	338	0	0	0	0	326	2,500	0		3,179
101	678	671	48	117	0	1,005	7,906	1,592	12,118		
7. INVENTORY DATA											
a. TOTAL ACREAGE (0)											
b. INVENTORY TOTAL AS OF 30 SEP 1997.....	0										
c. AUTHORIZATION NOT YET IN INVENTORY.....	0										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	29,570										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	5,258										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	6,830										
g. REMAINING DEFICIENCY.....	0										
h. GRAND TOTAL.....	41,658										
8. Projects Requested In This Program:											
Category <u>Code</u>	Project Title	Scope	Cost (\$000)	Design Status Start	Complete						
721.11 09/95	BEQ	19,802 m2	29,570	05/94							
TOTAL											
29,570											
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
740.74	CHILD DEVELOPMENT CENTER	5,258	-						-		
TOTAL											
5,258											
b. Major Planned Next Three Years:											
179.40	FY02 - RIFLE/PISTOL RANGE	6,830	-						-		
TOTAL											
6,830											
c. Real Property Maintenance Backlog (\$000): \$50,564											
10. Mission Or Major Functions:											
To maintain and operate facilities and provide services and material to support operation of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA		4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0206496M	6. Category Code 721.11	7. Project Number P-002	8. Project Cost (\$000) 29,570	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS	M2	19,802	1,090.00	21,580
SUPPORTING FACILITIES	-	-	-	4,990
UTILITIES, PAVING, AND SITE IMPROVEMENT	LS	-	-	(4,000)
DEMOLITION	LS	-	-	(990)
SUBTOTAL	-	-	-	26,570
CONTINGENCY (5.0%)	-	-	-	1,330
TOTAL CONTRACT COST	-	-	-	27,900
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	1,670
TOTAL REQUEST	-	-	-	29,570
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Three-story, reinforced masonry, concrete and steel-frame buildings, concrete foundations and floors, sloped standing seam metal roofs, air conditioning, fire protection systems, sound attenuation features, utilities, 372 1x1 modules with semi-private bathrooms and walk-in closets, lounges, laundry, vending areas, separate mechanical buildings, paving, site improvements, and demolition of nine buildings. Intended Grade mix: E1-E4: 462, E5: 141. Total 603. Maximum Utilitization: 744 E1-E4.

11. Requirement: 3,963 PN Adequate: 1,731 PN Substandard: (240) PN.

PROJECT:

Provides adequate bachelor housing for 603 enlisted personnel to the "1x1" standard. (New mission.)

REQUIREMENT:

Adequate bachelor housing that meets quality of life standards.

CURRENT SITUATION:

The existing facilities are 43-45 years old and are not in compliance with life safety codes, seismic codes, or environmental criteria (the presence of polychlorinated byphenols, lead-based paint, and vinyl-asbestos tile). These facilities cannot be economically upgraded and have been determined to be inadequate. The existing buildings will be demolished to provide a site for the new bachelor enlisted quarters.

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M67865 MARINE CORPS AIR STATION, MIRAMAR, CALIFORNIA		
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-002	

(...continued)

Personnel will continue to be billeted in unsafe, inadequate quarters. The quality of life for personnel assigned to this station will be adversely affected with a detrimental effect on safety, morale, and retention efforts.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	05/94
(B) Date Design 35% Complete.....	12/94
(C) Date Design Complete.....	09/95
(D) Percent Complete As Of September 1997.....	100%
(E) Percent Complete As Of January 1998.....	100%

(2) Basis:

(A) Standard or Definitive Design: YES
(B) Where Design Was Most Recently Used: stndrd 1x1

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(1,770)
(B) All Other Design Costs.....	(890)
(C) Total.....	2,660
(D) Contract.....	(2,370)
(E) In-House.....	(290)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. Real Property Maintenance (past two years) (\$000): 4,100

D. Future requirements for unaccompanied housing at this installation: 1522 PN

Installation POC: Tony Ray, Phone: (714) 726-4341

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N00246 NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA				4. Command COMMANDER IN CHIEF PACIFIC FLEET				5. Area Constr Cost Index 1.43		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	20	268	183	0	0	0	0	0	0	
7. INVENTORY DATA										
a.	TOTAL ACREAGE (46,575)									
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....		416,300							
c.	AUTHORIZATION NOT YET IN INVENTORY.....		0							
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....		8,350							
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....		55,310							
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....		12,800							
g.	REMAINING DEFICIENCY.....		133,150							
h.	GRAND TOTAL.....		625,910							
8. Projects Requested In This Program:										
Category <u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>Cost</u> (\$000)	<u>Design</u>	<u>Status</u>	<u>Start</u>	<u>Complete</u>		
721.11 01/98	BEQ		2,970 m2	8,350	06/97					
TOTAL		----- 8,350								
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
151.20	CVN BERTHING WHARF		55,310	-----						
TOTAL		55,310								
b. Major Planned Next Three Years:										
740.74	FY03 - CHILD DEVELOPMENT CENTER		6,400	-----						
143.65	FY02 - TACTICAL SUPPORT CENTER		6,400	-----						
TOTAL		12,800								
c. Real Property Maintenance Backlog (\$000): \$88,316										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide services and material to support operations of aviation activities and units of the Pacific Fleet. Helicopter Airlift Squadrons Reserve Squadrons ASW Helicopter Squadrons (SH-2, SH-60) Submarine Development Group Carrier-Based ASW Squadrons (S-3) Deep Submergence Vehicles Carrier-Based ASW Helicopter Squadrons (SH-3) Commander, Naval Air Forces, Pacific Naval Aviation Depot Marine Barracks Helicopter Training Squadrons S-3 ASW Training Squadron Carrier On-Board Delivery Squadron Aircraft Carrier Homeport										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00246 NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA		4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0204696N	6. Category Code 721.11	7. Project Number P-555	8. Project Cost (\$000) 8,350	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS	M2	2,970	-	5,980
BUILDING	M2	2,970	1,980.00	(5,880)
INFORMATION SYSTEM	LS	-	-	(100)
SUPPORTING FACILITIES	-	-	-	1,520
UTILITIES	LS	-	-	(700)
PAVING AND SITE IMPROVEMENT	LS	-	-	(380)
DEMOLITION	LS	-	-	(380)
ENVIRONMENTAL MITIGATION	LS	-	-	(60)
SUBTOTAL	-	-	-	7,500
CONTINGENCY (5.0%)	-	-	-	380
TOTAL CONTRACT COST	-	-	-	7,880
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	470
TOTAL REQUEST	-	-	-	8,350
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Two-story building, permanent construction; 45 modules with two private sleeping/living rooms, kitchenettes, walk-in closets, adjoining full semi-private baths shared by up to two persons, lobbies, laundries, training rooms, exercise rooms, game room, video room, vending, administrative spaces, storage, mechanical rooms; ventilation, air conditioning, utilities, paving, and site improvements; demolition of seven buildings; improvements to the sewage treatment plant; environmental mitigation for the Island Night lizard. Intended Grade Mix: 30 E1-E4, 30 E5-E9. Total: 60. Maximum Utilization by 90 E1-E4.

11. Requirement: 60 PN Adequate: 0 PN Substandard: (135) PN.

PROJECT:

Constructs bachelor enlisted quarters in compliance with Department of Defense "1+1" criteria for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate berthing for male and female personnel assigned to this facility.

CURRENT SITUATION:

Existing facilities were constructed in the 1940's, are overcrowded, undersized, without adequate private toilets, and the utilities are deteriorated and cannot be expanded.

IMPACT IF NOT PROVIDED:

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98																						
3. Installation and Location/UIC: N00246 NAVAL FACILITY, SAN CLEMENTE ISLAND, CALIFORNIA																								
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-555																							
<p>(...continued)</p> <p>Without this project, personnel will continue to be berthed in inadequate facilities to the detriment of morale and career retention efforts.</p>																								
12. Supplemental Data:																								
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr> <td>(A) Date Design Started.....</td> <td>06/97</td> </tr> <tr> <td>(B) Date Design 35% Complete.....</td> <td>09/97</td> </tr> <tr> <td>(C) Date Design Complete.....</td> <td>01/98</td> </tr> <tr> <td>(D) Percent Complete As Of September 1997.....</td> <td>35%</td> </tr> <tr> <td>(E) Percent Complete As Of January 1998.....</td> <td>100%</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design: YES</td> </tr> <tr> <td>(B) Where Design Was Most Recently Used: SClemente</td> </tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr> <td>(A) Production of Plans and Specifications.....</td> <td>(510)</td> </tr> <tr> <td>(B) All Other Design Costs.....</td> <td>(260)</td> </tr> <tr> <td>(C) Total.....</td> <td>770</td> </tr> <tr> <td>(D) Contract.....</td> <td>(680)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(90)</td> </tr> </table> <p>(4) Construction Start..... 10/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. Real Property Maintenance (past two years) (\$000): 17,454</p> <p>D. Future requirements for unaccompanied housing at this installation: 104 PN</p>			(A) Date Design Started.....	06/97	(B) Date Design 35% Complete.....	09/97	(C) Date Design Complete.....	01/98	(D) Percent Complete As Of September 1997.....	35%	(E) Percent Complete As Of January 1998.....	100%	(A) Standard or Definitive Design: YES	(B) Where Design Was Most Recently Used: SClemente	(A) Production of Plans and Specifications.....	(510)	(B) All Other Design Costs.....	(260)	(C) Total.....	770	(D) Contract.....	(680)	(E) In-House.....	(90)
(A) Date Design Started.....	06/97																							
(B) Date Design 35% Complete.....	09/97																							
(C) Date Design Complete.....	01/98																							
(D) Percent Complete As Of September 1997.....	35%																							
(E) Percent Complete As Of January 1998.....	100%																							
(A) Standard or Definitive Design: YES																								
(B) Where Design Was Most Recently Used: SClemente																								
(A) Production of Plans and Specifications.....	(510)																							
(B) All Other Design Costs.....	(260)																							
(C) Total.....	770																							
(D) Contract.....	(680)																							
(E) In-House.....	(90)																							
<p>Installation POC: Capt Raymond Mello, Phone: (619) 545-1113</p>																								

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM						2. Date 2/6/98
3. Installation and Location/UIC: N63406 NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA			4. Command COMMANDER IN CHIEF, PACIFIC FLEET			5. Area Constr Cost Index 1.15	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	349	3,298	3,134	2	22	0	53	364	0	7,222
b. End FY 2004	259	1,395	1,588	0	0	0	46	277	0	3,565

7. INVENTORY DATA

a. TOTAL ACREAGE	(0)	
b. INVENTORY TOTAL AS OF 30 SEP 1997.....	0	
c. AUTHORIZATION NOT YET IN INVENTORY.....	0	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	11,400	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0	
g. REMAINING DEFICIENCY.....	16,600	
h. GRAND TOTAL.....	28,000	

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost	Design Status	
			(\$000)	Start	Complete
213.65 06/98	SUBMARINE SUPPT FAC	662 M2	11,400	06/97	
TOTAL					11,400

9. Future Projects:

- a. Included In The Following Program (FY 2000):
NONE
- b. Major Planned Next Three Years:
NONE
- c. Real Property Maintenance Backlog (\$000): \$16,080

10. Mission Or Major Functions:

Serves as homeport for operations attack submarines of the Pacific Fleet, providing refit, maintenance, replenishment, training and ordnance support. Two Submarine Tenders Commander, Submarine Group Five Two Submarine Squadrons Commander, Submarine Development Group One

11. Outstanding Pollution And Safety Deficiencies (\$000):

- a. Pollution Abatement (*): \$0
- b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N63406 NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA		4. Project Title SUBMARINE SUPPORT FACILITY		
5. Program Element 0204896N	6. Category Code 213.65	7. Project Number P-126	8. Project Cost (\$000) 11,400	
9. COST ESTIMATES				
Item		U/M	Quantity	Unit Cost
SUBMARINE SUPPORT FACILITY		M2	662	8,380
BUILDING		M2	662	(2,420)
BUILT-IN EQUIPMENT		LS	-	(5,700)
TECHNICAL OPERATING MANUALS		LS	-	(260)
SUPPORTING FACILITIES		-	-	1,860
SPECIAL CONSTRUCTION FEATURES		LS	-	(580)
MECHANICAL UTILITIES		LS	-	(460)
ELECTRICAL UTILITIES		LS	-	(460)
PAVING, SITE IMPROVEMENTS, AND DEMOLITION		LS	-	(360)
SUBTOTAL		-	-	10,240
CONTINGENCY (5.0%)		-	-	510
TOTAL CONTRACT COST		-	-	10,750
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	650
TOTAL REQUEST		-	-	11,400
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	(0)
10. Description of Proposed Construction				
<p>High-bay building, precast concrete piles, cast-in-place concrete grade beams and floor slab, concrete walls with floor to wall controlled joints; built-up roof membrane over metal decking and steel framing; 10-ton overhead electric traveling crane; detection and monitoring alarm systems; telecommunications systems; fire protection system, Seismic Zone 4 construction, utilities, paving, site improvements, and demolition of one concrete pad and temporary shed.</p>				
11. Requirement: <u>662 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2.</u>	
<p>PROJECT: Constructs a submarine support facility. (Current mission.)</p>				
<p>REQUIREMENT: Adequate and properly-configured facility to accommodate an authorized radiological processing facility including radiological liquid and solid waste processing; contaminated gage calibration; radiochemistry analysis; and controlled equipment material storage for operational maintenance for nuclear-powered submarines.</p>				
<p>CURRENT SITUATION: The submarine tender USS MCKEE currently performs requisite maintenance and repair work on all nuclear-powered submarines berthed at this base. Because of reductions in the Armed Forces and infrastructure to make</p>				
<i>(Continued On DD 1391C...)</i>				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63406 NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA		
4. Project Title SUBMARINE SUPPORT FACILITY	7. Project Number P-126	

(...continued)

funding available for modernization, the Navy plans to decommission the MCKEE and replace it with shore-based maintenance capability. All maintenance performed by MCKEE will be integrated into existing Naval Port San Diego shore facilities wherever possible. However, there is a need for drydocking and radiological propulsion plant support facility to be collocated with the submarines. Specifically, processing of radiological waste generated during drydocking for maintenance.

IMPACT IF NOT PROVIDED:

After the USS MCKEE decommissions, if no new facilities are constructed, nuclear-powered submarines berthed in San Diego would be required to transit to Pearl Harbor or Puget Sound Naval Shipyards for radiological propulsion plant maintenance and repairs. This additional time deployed from San Diego would result in unacceptable adverse effects on personnel and turn around ratios, ultimately reducing the size of the deployable submarine force and impacting forward presence and the ability to meet overseas commitments.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 06/97
- (B) Date Design 35% Complete..... 08/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (720)
- (B) All Other Design Costs..... (360)
- (C) Total..... 1,080
- (D) Contract..... (960)
- (E) In-House..... (120)

(4) Construction Start..... 11/98

Installation POC: LT Pete Campbell, Phone: (619) 553-7144

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63406 NAVAL SUBMARINE BASE, SAN DIEGO, CALIFORNIA		
4. Project Title SUBMARINE SUPPORT FACILITY	7. Project Number P-126	

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LT Pete Campbell, Phone: (619) 553-7144

DD Form 1 Dec 76 1391C As Submitted to Congress
February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98
3. Installation and Location/UIC: N00171 COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA				4. Command CHIEF OF NAVAL OPERATIONS				5. Area Constr Cost Index 0.96	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	1,433	1,680	4,994	3	1	0	0	0	0	8,111
b. End FY 2004	1,111	1,101	5,151	0	0	0	0	0	0	7,363

7. INVENTORY DATA

a. TOTAL ACREAGE	(467)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										199,390
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										790
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										0
g. REMAINING DEFICIENCY.....										25,300
h. GRAND TOTAL.....										225,480

8. Projects Requested In This Program:

Category <u>Code</u>	Project Title	Scope	Cost	Design Status	
			(\$000)	Start	Complete
740.45 07/98	FITNESS CENTER	489 M2	790	04/97	
	TOTAL		790		

9. Future Projects:

- Included In The Following Program (FY 2000):
NONE
- Major Planned Next Three Years:
NONE
- Real Property Maintenance Backlog (\$000): \$212,753

10. Mission Or Major Functions:

Provide personnel support and logistics for Naval commands in the Washington area, including personnel, administrative, public works, supply, waterfront and harbor services. Chesapeake Division Naval Facilities Engineering Command Naval Historical Center Naval Weapons Engineering Support Activity Naval Data Automation Command

11. Outstanding Pollution And Safety Deficiencies (\$000):

- Pollution Abatement (*): \$0
- Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00171 COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA		4. Project Title FITNESS CENTER		
5. Program Element 0901296N	6. Category Code 740.45	7. Project Number P-336	8. Project Cost (\$000) 790	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
FITNESS CENTER	M2	489	1,460.00	710
SUBTOTAL	-	-	-	710
CONTINGENCY (5.0%)	-	-	-	40
TOTAL CONTRACT COST	-	-	-	750
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	40
TOTAL REQUEST	-	-	-	790
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Roof system, exterior and interior entrances; interior partitions, locker room facilities, paving and site improvements. Fire protection systems, information systems, and interior demolition.

11. Requirement: 489 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Constructs a fitness center within Building 22 at the Washington Navy Yard to service 2,300 military personnel. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facilities to support mandatory physical fitness participation required of all active duty military personnel assigned to the Washington Navy Yard.

CURRENT SITUATION:

The two existing fitness centers are classified as inadequate in both condition and configuration. They are too small, require duplicative operation support, and their poor condition requires excessive maintenance. The backlog of maintenance and repair in these two facilities totals \$782,000. Even if this backlog was eliminated, the existing facilities would still be classified as inadequate because of their layout and locker room size.

IMPACT IF NOT PROVIDED:

Without this project, the military population of the Washington Navy Yard will not have adequate fitness facilities for maintaining physical health.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00171 COMMANDANT, NAVAL DISTRICT, WASHINGTON, DISTRICT OF COLUMBIA		
4. Project Title FITNESS CENTER	7. Project Number P-336	

(...continued)

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	04/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	07/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	40%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(50)
(B) All Other Design Costs.....	(20)
(C) Total.....	70
(D) Contract.....	(60)
(E) In-House.....	(10)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: CDR Fredrick Gerheiser, Phone: (202) 433-2233

DD Form 1391C As Submitted to Congress
1 Dec 76 **February 1998**

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N00213 NAVAL AIR STATION, KEY WEST, FLORIDA				4. Command COMMANDER IN CHIEF, ATLANTIC FLEET				5. Area Constr Cost Index 1.08			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	179	1,155	497	0	2	0	0	0	0		
									1,833		
									1,672		
7. INVENTORY DATA											
a.	TOTAL ACREAGE		(5,978)								
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....									151,970	
c.	AUTHORIZATION NOT YET IN INVENTORY.....									0	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....									3,730	
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0	
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....									4,000	
g.	REMAINING DEFICIENCY.....									5,510	
h.	GRAND TOTAL.....									165,210	
8. Projects Requested In This Program:											
Category <u>Code</u>	Project Title		Scope	Cost (\$000)	Design Status						
740.74 05/98	CHILD DEVELOPMENT CENTER		1,363 m2	3,730	Start 12/96						

TOTAL 3,730											
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
NONE											
b. Major Planned Next Three Years:											
841.40	FY02 - POTABLE WATER STORAGE DIST		4,000	- - -							

TOTAL 4,000											
c. Real Property Maintenance Backlog (\$000): \$41,693											
10. Mission Or Major Functions:											
Maintains and operates an air station to support training of flight crews using tactical aircraft and conducting training exercises in the Caribbean Sea and in the Gulf. Provides waterfront support and berthing facilities for up to five surface combatants operating in the area on forward deployment. Major units supported include: Two aircraft squadrons (30 aircraft) Coast Guard Units Naval Intelligence and Security Detachments Air Force Air Defense Units U. S. Forces Caribbean Medical Clinic Joint Task Force 4											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00213 NAVAL AIR STATION KEY WEST, FLORIDA		4. Project Title CHILD DEVELOPMENT CENTER		
5. Program Element 0204696N	6. Category Code 740.74	7. Project Number P-604	8. Project Cost (\$000) 3,730	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
CHILD DEVELOPMENT CENTER				
BUILDING	m2	1,363	-	2,330
COVERED WALKWAY	m2	1,298	1,588.00	(2,060)
BUILT-IN EQUIPMENT	m2	65	462.00	(30)
INFORMATION SYSTEMS	LS	-	-	(180)
TECHNICAL OPERATING MANUALS	LS	-	-	(10)
SUPPORTING FACILITIES	LS	-	-	(50)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	1,020
ELECTRICAL UTILITIES	LS	-	-	(330)
MECHANICAL UTILITIES	LS	-	-	(100)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(250)
PLAYGROUND EQUIPMENT	LS	-	-	(240)
SUBTOTAL		-	-	3,350
CONTINGENCY (5.0%)		-	-	170
TOTAL CONTRACT COST		-	-	3,520
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	210
TOTAL REQUEST		-	-	3,730
EQUIPMENT FROM OTHER APPROPRIATIONS		-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story building, auger cast pilings and elevated structural floor slab, concrete masonry walls, steel roof framing, sloped metal roofing system, covered walkway and play area, fire alarm system with radio transmitter, fire suppression system with fire pump, closed circuit television system, intercom system, information systems, air conditioning, utilities, playground equipment with sun shade, paving and site improvements.

11. Requirement: 1,363 m² Adequate: 0 m² Substandard: (0) m².

PROJECT:

Constructs a child development center to accommodate 180 children.
(Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to accommodate infants, toddlers, and pre-school age children. A child development center provides child care services to military and DOD civilian personnel in order to support operational readiness, mission accomplishment and retention. The primary goal is to provide Navy personnel at least one affordable option for child care. Child development centers are a necessary element in today's environment as their availability alleviates

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00213 NAVAL AIR STATION KEY WEST, FLORIDA		
4. Project Title CHILD DEVELOPMENT CENTER	7. Project Number P-604	

(...continued)

many problems incurred by military and DOD civilian parents who are single, who both work, are full time students or who have other special needs. These centers make the quality of life more appealing for military personnel, DOD civilians, and their dependents. The existing need is met using temporary, undersized, mobile office units. There are 124 military dependent children (through age 6) currently enrolled in the existing leased facility, and 65 children on a waiting list. Additionally, there is a requirement for hourly drop in care service. The Navy Audit Service agreed with the 180 children requirement.

CURRENT SITUATION:

The former child care facility is a 57 year-old converted building, inadequate in both size and physical condition, which contains friable asbestos and lead paint, and has structural and foundation problems. It has been damaged by termites and carpenter ants, is condemned and scheduled for demolition. To meet the urgent need, the station was forced to lease temporary, mobile office units until the project is constructed. CNO letter 11010 Ser 441d1/OU591278 of 22 January 1990 states that the temporary siting of a CDC shall not preclude permanent development of a specific site. CINCLANTFLT letter 11000 Ser N4421B/003613 of 31 Aug 1994 states that relocatable structures are strongly discouraged, and removal of existing relocatable structures at the earliest opportunity is highly desirable. The leased facility can only accommodate 124 of the 180 child requirement. Additionally, these temporary, mobile office units can become wind borne during tropical storms or hurricanes which are common in this area.

IMPACT IF NOT PROVIDED:

Without this project, the Navy will continue to pay for an inadequate leased facility which does not meet the criteria for child development centers. Personnel and children using these facilities will continue to be subjected to unsafe conditions. Key West is in a remote area and the local community does not have the capability to provide quality, affordable child care service to military and DOD civilian dependents. The quality of life of Navy families will continue to be degraded. This could result in a reduction of income since spouses may not be able to afford work outside of the home. Key West has the highest cost of living of any city in Florida and families feel a need to supplement their income via spousal employment

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

Installation POC: LCdr James Cruz, Phone: (305) 293-2304

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00213 NAVAL AIR STATION KEY WEST, FLORIDA		
4. Project Title CHILD DEVELOPMENT CENTER	7. Project Number P-604	

(...continued)

(1) Status:

- (A) Date Design Started..... 12/96
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 05/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (220)
- (B) All Other Design Costs..... (130)
- (C) Total..... 350
- (D) Contract..... (300)
- (E) In-House..... (50)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCDr James Cruz, Phone: (305) 293-2304

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: M00318 MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII				4. Command COMMANDANT OF THE MARINE CORPS				5. Area Constr Cost Index 1.50		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	48	422	428	0	0	0	1,107	7,851	1,692		11,548
68	548	514	16	52	0	1,734	8,917	2,251	14,100	
7. INVENTORY DATA										
a.	TOTAL ACREAGE (34,110)								234,730	
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....								0	
c.	AUTHORIZATION NOT YET IN INVENTORY.....								27,410	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....								25,020	
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....								46,651	
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....								88,250	
g.	REMAINING DEFICIENCY.....								422,061	
h.	GRAND TOTAL.....									
8. Projects Requested In This Program:										
Category Code	Project Title		Scope	Cost (\$000)	Design Status Start	Complete				
721.11 10/98	BACHELOR QUARTERS		8,670 m2	27,410	05/97					
TOTAL						27,410				
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
141.70	CTRL TOWER /ATC FAC		6,050	-	-	-				
721.11	BEQ E1/E4		18,970	-	-	-				
TOTAL						25,020				
b. Major Planned Next Three Years:										
740.43	FY02 - PYHSICAL FITNESS CENTER		3,721	-	-	-				
211.05	FY03 - HANGAR FIRE PROTECTION		4,169	-	-	-				
441.30 *	FY03 - HAZ MATL/WASTE CONSOL FAC		5,710	-	-	-				
721.11	FY01 - BACHELOR ENLISTED QUARTERS		16,051	-	-	-				
721.11	FY03 - BACHELOR ENLISTED QUARTERS		17,000	-	-	-				
TOTAL						46,651				
c. Real Property Maintenance Backlog (\$000): \$68,243										
10. Mission Or Major Functions:										
Maintain and operate facilities and provide services and material to support operations of a Marine Brigade, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$5,710										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M00318 MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII		4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0206496M	6. Category Code 721.11	7. Project Number P-286	8. Project Cost (\$000) 27,410	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS	m2	8,670	-	17,670
BUILDING	m2	8,670	2,007.00	(17,400)
INFORMATION SYSTEM	LS	-	-	(150)
TECHNICAL OPERATING MANUALS	LS	-	-	(120)
SUPPORTING FACILITIES	-	-	-	6,840
ELECTRICAL UTILITIES	LS	-	-	(1,640)
MECHANICAL UTILITIES	LS	-	-	(1,200)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(4,000)
SUBTOTAL	-	-	-	24,510
CONTINGENCY (5.0%)	-	-	-	1,230
TOTAL CONTRACT COST	-	-	-	25,740
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	1,670
TOTAL REQUEST	-	-	-	27,410
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story reinforced concrete masonry and steel-frame buildings; built-up roofs, air conditioning, fire protection system, elevators, utilities, paving and site improvements; technical operating manuals; utility connections, air conditioning systems; two-plus-zero bachelor housing design criteria. Grade mix: 408 E1-E4.

11. Requirement: 408 PN Adequate: 95 PN Substandard: (52) PN.

PROJECT:

Constructs a bachelor enlisted quarters to support billeting requirements of Naval aviation units relocating to Kaneohe Bay. (Current mission.)

REQUIREMENT:

Adequate and properly-configured housing facilities to support the relocation of Navy aviation operations from Naval Air Station (NAS), Barbers Point, Hawaii.

CURRENT SITUATION:

Operational, maintenance, and support units must relocate because of the scheduled closure of NAS Barbers Point. Kaneohe Bay does not have adequate bachelor enlisted facilities to accommodate the Navy personnel being relocated. Existing, inadequate facilities are severely deteriorated, 1940-vintage buildings, the repair costs for which exceeds 75% of the cost for new construction.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M00318 MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-286	

(...continued)

IMPACT IF NOT PROVIDED:

Without this project, this station will not have adequate billeting facilities required to support personnel relocating from Barbers Point. The projected Navy and Marine Corps base loading at Kaneohe Bay exceeds the current and projected number of available Federal government-owned and private sector housing. The Oahu Military Housing Market Analysis of March 1997 concludes that by the year 2001, there will be a significant unsatisfied requirement in military bachelor housing. This shortfall will be even more acute in the windward area of the island. These conditions are unacceptable and will negatively impact the operational readiness of Navy units as well as the morale, welfare and retention of skilled and dedicated military personnel

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	05/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	10/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	35%

(2) Basis:

(A) Standard or Definitive Design: YES
(B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(1,320)
(B) All Other Design Costs.....	(1,100)
(C) Total.....	2,420
(D) Contract.....	(2,200)
(E) In-House.....	(220)

(4) Construction Start..... 01/99

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. Real Property Maintenance (past two years) (\$000): 6,600

Installation POC: LCdr J. Landis, Phone: (808) 257-2171

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1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M00318 MARINE CORPS AIR STATION, KANEOHE BAY, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-286	

(...continued)

D. Future requirements for unaccompanied housing at this installation: 2476 PN

Installation POC: LCdr J. Landis, Phone: (808) 257-2171

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N00604 FLEET INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII				4. Command NAVAL SUPPLY SYSTEMS COMMAND				5. Area Constr Cost Index 1.45			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	20	56	626	0	0	0	0	0	0		
7. INVENTORY DATA											
a. TOTAL ACREAGE (815)									156,190		
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									0		
c. AUTHORIZATION NOT YET IN INVENTORY.....									9,730		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									16,500		
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									48,100		
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									10,600		
g. REMAINING DEFICIENCY.....									241,120		
h. GRAND TOTAL.....											
8. Projects Requested In This Program:											
Category Code	Project Title	Scope	Cost (\$000)	Design Status Start	Complete						
156.10 07/98	CENTRAL RECEIVING FAC	6,411 M2	9,730	07/97							
TOTAL											
9,730											
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
441.10	WAREHOUSE CONSOLIDATION	16,500	-						-		
TOTAL											
16,500											
b. Major Planned Next Three Years:											
152.60	FY03 - SUPPLY WHARF EXTENSION	16,200	-						-		
152.60	FY02 - WHARF UPGRADE	13,900	-						-		
156.10	FY01 - WTRFRONT TRANSIT STRG FAC	9,000	-						-		
441.10	FY02 - BULK STORAGE WAREHOUSE	9,000	-						-		
TOTAL											
48,100											
c. Real Property Maintenance Backlog (\$000): \$27,586											
10. Mission Or Major Functions:											
Provides a wide variety of supply and support services to NAVY activities in the geographic area, and provides supply, POL, and support services to Pacific Fleet units.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00604 FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII		4. Project Title CENTRAL RECEIVING FACILITY		
5. Program Element 0702896N	6. Category Code 156.10	7. Project Number P-154	8. Project Cost (\$000) 9,730	
9. COST ESTIMATES				
Item		U/M	Quantity	Unit Cost
CENTRAL RECEIVING FACILITY		M2	6,411	-
BUILDING		M2	5,389	1,276.00
COVERED LOADING AREA		M2	1,022	74.00
BUILT-IN EQUIPMENT		LS	-	(80)
SUPPORTING FACILITIES		-	-	(100)
UTILITIES		LS	-	1,640
PAVING AND SITE IMPROVEMENTS		LS	-	(470)
DEMOLITION		LS	-	(330)
SUBTOTAL		-	-	(840)
CONTINGENCY (5.0%)		-	-	8,700
TOTAL CONTRACT COST		-	-	440
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)		-	-	-----
TOTAL REQUEST		-	-	9,140
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	590
		-	-	-----
		-	-	9,730
		-	-	(0)
10. Description of Proposed Construction				
<p>One-story, structural steel-frame open area building, concrete floor/mat foundation, masonry and metal panel walls; insulated steel roof; mezzanine, loading dock pit with multiple docking positions, covered loading area, conveyer system, office spaces, training room, secure storage, fire protection system, information systems, utilities, paving and site improvements, demolition of four buildings.</p>				
11. Requirement: <u>6,411 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2.</u>	
<p>PROJECT: Construct a central receiving facility. (Current mission.)</p> <p>REQUIREMENT: A centrally located facility to consolidate container unstuffing operations, local material deliveries and receipt of bulk items into one building in close proximity to primary supply Wharves K-10 and K-11. This center provides supply and support services to fleet units and shore activities, including requirements determination, inventory control, receipt, storage, issue and financial accounting for consumables, repairables, subsistence, and fuel. This project will prevent any interruption to the supply link that would jeopardize the readiness of the fleet and shore activities.</p> <p>CURRENT SITUATION:</p>				
<i>(Continued On DD 1391C...)</i>				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00604 FLEET AND INDUSTRIAL SUPPLY CENTER, PEARL HARBOR, HAWAII		
4. Project Title CENTRAL RECEIVING FACILITY	7. Project Number P-154	

(...continued)

Receiving and container operations are currently being conducted in several locations scattered throughout the center. Inbound bulk break operations are currently stored in the open, exposed to the weather at two wharves and the paved area behind the servmart building. Since these operations are not conducted in the immediate vicinity of each other, material has to be transported to different locations for their appropriate processing. Each year, this multiple handling and transporting of supplies results in lost time, material damages and material losses, thus impacting the efficiency of this center's mission.

IMPACT IF NOT PROVIDED:

Without this project, this center will continue to operate at a low efficiency which will impact customer service and readiness of the fleet and shore activities. Center personnel will continue to work in substandard facilities, which negatively impacts worker morale and productivity.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	07/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	07/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	45%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(490)
(B) All Other Design Costs.....	(410)
(C) Total.....	900
(D) Contract.....	(820)
(E) In-House.....	(80)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCDR Ross Woodson, Phone: (808) 471-3926

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N00311 NAVAL SHIPYARD, PEARL HARBOR, HAWAII				4. Command NAVAL SEA SYSTEMS COMMAND				5. Area Constr Cost Index 1.45		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	38	22	2,873	0	0	0	0	0	0	
									2,933	
			13	4	3,370	0	0	0	90	3,482
7. INVENTORY DATA										
a.	TOTAL ACREAGE		(308)							
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....									147,000
c.	AUTHORIZATION NOT YET IN INVENTORY.....									0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....									11,400
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									15,000
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....									24,800
g.	REMAINING DEFICIENCY.....									105,150
h.	GRAND TOTAL.....									303,350
8. Projects Requested In This Program:										
Category <u>Code</u>	<u>Project Title</u>		<u>Scope</u>	<u>Cost</u> (\$000)	Design Status					
610.10 08/98	ENG MANAGEMENT BLDG		8,361 M2	11,400	Start 01/97	Complete				
TOTAL						11,400				
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
213.60	* ABRASIVE BLAST & PAINT FAC		15,000							
TOTAL		15,000								
b. Major Planned Next Three Years:										
213.43	FY02 - STRUCTURAL SHOP CONSOL		8,400							
213.55	FY02 - MECHANICAL SHOP CONSOL		9,400							
813.20	FY01 - SHORE POWER IMPROVE (DD1&2)		7,000							
TOTAL		24,800								
c. Real Property Maintenance Backlog (\$000): \$104,007										
10. Mission Or Major Functions:										
To overhaul and repair nuclear powered vessels such as SSN's including 688 class submarines and surface ships, such as cruisers and destroyers.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$15,000										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00311 PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII		4. Project Title ENGINEERING MANAGEMENT BUILDING		
5. Program Element 0702228N	6. Category Code 610.10	7. Project Number P-215	8. Project Cost (\$000) 11,400	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
ENGINEERING MANAGEMENT BUILDING	M2	8,361	-	5,450
BUILDING RENOVATION	M2	8,361	586.00	(4,900)
INFORMATION SYSTEMS	LS	-	-	(550)
SUPPORTING FACILITIES	-	-	-	4,740
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(2,380)
UTILITIES	LS	-	-	(920)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(280)
DEMOLITION	LS	-	-	(1,160)
SUBTOTAL	-	-	-	10,190
CONTINGENCY (5.0%)	-	-	-	510
TOTAL CONTRACT COST	-	-	-	10,700
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	700
TOTAL REQUEST	-	-	-	11,400
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Convert warehouse space to administrative space by renovating the fourth floor of an existing building, with new partitions, ceilings, plumbing fixtures, air conditioning, fire protection sprinkler system and fire alarm system, lighting, electrical receptacles, telecommunication and data outlets and restrooms; convert two freight elevators to passenger elevators; increase information systems capacity/capability from warehouse usage to office usage (information system beyond the 1.5 meter building boundary is characterized as communications); provide new primary switchgear and transformer substation outdoors for increased electrical load requirements; seismic strengthening; utilities; demolition of six buildings; and paving and site improvements.

11. Requirement: 8,361 M2 Adequate: 0 M2 Substandard: (0) M2

PROJECT:

Convert an existing building from warehouse space to office space.
(Current mission.)

REQUIREMENT:

Adequate and safe facilities are required for engineering and management personnel who provide mission-essential support to this shipyard's continuing mission to perform overhaul, repair, alteration, drydocking and outfitting of Navy vessels. Converting Building 167 will replace severely deteriorated unsafe facilities housing engineering and management

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98
3. Installation and Location/UIC: N00311 PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII			
4. Project Title ENGINEERING MANAGEMENT BUILDING			7. Project Number P-215

(...continued)

personnel, and will consolidate these facilities into a smaller, more efficient layout, while reducing infrastructure at the shipyard.

CURRENT SITUATION:

Existing wood annexes have been labeled "a major life safety hazard" by the September 1987 Fire Protection Engineering Survey Report. Twenty-three "serious workplace hazards" were also cited in a January 1994 NAVOSH Deficiency Notice for Buildings 1B and 1D, ranging from structural damage to electrical violations. One annex has been condemned due to structural failure and other failures are imminent. Annexes lack electrical capacity to support major programs such as Computer Aided Design (CAD), Engineering Data Management Information Control System (EDMICS), and Advanced Industrial Management (AIM). Roof leaks, plumbing failures, rodents and cats further add to the miserable working conditions. Termites and lack of humidity control endanger valuable engineering drawings and documentation.

IMPACT IF NOT PROVIDED:

Deferral of this project past 1999 will require the Shipyard to move personnel into trailers at an annual cost of \$1.5 million, adversely impacting mission performance and creating a hurricane hazard. Alternatively, all systems in the old wooden annexes would have to be repaired at an estimated cost of \$47 million

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (700)
- (B) All Other Design Costs..... (350)
- (C) Total..... 1,050

Installation POC: LCdr Eduardo Mangallan, Phone: (808) 474-7191

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98						
3. Installation and Location/UIC: N00311 PEARL HARBOR NAVAL SHIPYARD PEARL HARBOR, HAWAII								
4. Project Title ENGINEERING MANAGEMENT BUILDING	7. Project Number P-215							
<p><i>(...continued)</i></p> <table> <tr> <td>(D) Contract.....</td> <td>(930)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(120)</td> </tr> <tr> <td colspan="2">(4) Construction Start..... 11/98</td> </tr> </table> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>			(D) Contract.....	(930)	(E) In-House.....	(120)	(4) Construction Start..... 11/98	
(D) Contract.....	(930)							
(E) In-House.....	(120)							
(4) Construction Start..... 11/98								

Installation POC: LCDr Eduardo Mangallan, Phone: (808) 474-7191

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N62813 NAVAL STATION, PEARL HARBOR, HAWAII				4. Command COMMANDER IN CHIEF, PACIFIC FLEET				5. Area Constr Cost Index 1.45			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	1,701	12,010	7,974	1	5	0	202	803	0		22,696
	1,551	10,798	8,193	0	4	0	170	763	0	21,479	
7. INVENTORY DATA											
a.	TOTAL ACREAGE		(6,077)								
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....									230,670	
c.	AUTHORIZATION NOT YET IN INVENTORY.....									0	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....									18,180	
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									19,900	
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....									29,370	
g.	REMAINING DEFICIENCY.....									140,100	
h.	GRAND TOTAL.....									438,220	
8. Projects Requested In This Program:											
Category Code	Project Title		Scope	Cost (\$000)		Design Status Start		Status Complete			
812.30 06/98	ELEC DIST SYSTEM UPGRADE		0 LS	18,180		05/97					
TOTAL		18,180									
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
721.11	BEQ MODERNIZATION		6,600							-	-
721.11	BEQ MODERNIZATION		13,300							-	-
TOTAL		19,900									
b. Major Planned Next Three Years:											
722.10	FY02 - MESS HALL ADDITION		2,150							-	-
832.10 *	FY01 - OILY WASTE COLLECTION SYS		10,500							-	-
143.25	FY03 - SEAL DELIVERY VEH FAC		16,720							-	-
TOTAL		29,370									
c. Real Property Maintenance Backlog (\$000): \$188,790											
10. Mission Or Major Functions:											
Pearl Harbor is homeport for approximately 20 surface combatants. This station operates and controls the harbor and maintains and operates shore-based support facilities such as shore intermediate maintenance, housing, recreation, and personnel assistance for afloat surface units and most of the shore tenant activities in the Pearl Harbor area.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$10,500											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N62813 NAVAL STATION, PEARL HARBOR, HAWAII		4. Project Title ELECTRICAL DISTRIBUTION SYSTEM UPGRADES		
5. Program Element 0204796N	6. Category Code 812.30	7. Project Number P-504	8. Project Cost (\$000) 18,180	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
ELECTRICAL DISTRIBUTION SYSTEM UPGRADES				
SWITCHING STATION	LS	-	-	15,720
	LS	-	-	(1,460)
PRIMARY DISTRIBUTION SYSTEM	LS	-	-	(4,800)
TRANSFORMER SUBSTATIONS	LS	-	-	(4,580)
SECONDARY DISTRIBUTION SYSTEMS	LS	-	-	(4,770)
TECHNICAL OPERATING MANUALS	LS	-	-	(110)
SUPPORTING FACILITIES	-	-	-	540
CONTAMINATED SOIL REMOVAL	LS	-	-	(540)

SUBTOTAL	-	-	-	16,260
CONTINGENCY (5.0%)	-	-	-	810

TOTAL CONTRACT COST	-	-	-	17,070
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	1,110

TOTAL REQUEST	-	-	-	18,180
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Switching station; upgrades electrical substations, power and electrical distribution systems; technical operating manuals, and sampling, testing, removal, and disposal of contaminated soil.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Upgrades the shore power and industrial outlets and the electrical distribution system at BRAVO and MIKE berthing wharves (wharves B22 to B26 and M1 to M4) to support the berthing plan of the homeported ships. (Current mission.)

REQUIREMENT:

Adequate power and electrical distribution for homeport berthing and cold-iron maintenance of the newer-class power-intensive Guided Missile Destroyers (DDG-51 class) in various nested configurations. At the design load current of 4500 amps required to support the functions performed while connected to shore power, these newer ships (Arleigh Burke class) being homeported at this station have the highest load demand of all the guided missile destroyers that preceded them. In addition, the secondary industrial power outlets at MIKE wharf berths M1 to M3 must be brought into compliance with the design criteria for dockside utilities for ship service by providing industrial outlets to a solidly-grounded electrical system. By upgrading with wharf electrical improvements, this station will adequately meet its operational berthing requirements.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62813 NAVAL STATION, PEARL HARBOR, HAWAII		
4. Project Title ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	7. Project Number P-504	

(...continued)

CURRENT SITUATION:

Seventeen surface ships are presently homeported at this station, and the existing shore power electrical system does not provide adequate operational flexibility to berth these ships at the various wharves. The higher load demand ships such as DDG-51s must operate at less than design loads at those berths unable to provide the shore power requirements of these ships. In addition, the secondary industrial power outlets at MIKE wharf berths M1 to M3 are connected to ungrounded shore-to-ship power systems, resulting in an unsafe condition for operations and maintenance personnel.

IMPACT IF NOT PROVIDED:

Without this project, this station will not have sufficient electrical power to support ship loadings nor the operational flexibility to nest the homeported ships at various berths in a bow in or bow out configuration. In addition, the safety of operations and maintenance personnel will continue to be compromised in providing ungrounded shore electrical service from MIKE wharf berths

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	05/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	40%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(1,090)
(B) All Other Design Costs.....	(550)
(C) Total.....	1,640
(D) Contract.....	(1,450)
(E) In-House.....	(190)

(4) Construction Start..... 01/99

Installation POC: LCdr Roger Natsuhara, Phone: (808) 474-8190

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62813 NAVAL STATION, PEARL HARBOR, HAWAII		
4. Project Title ELECTRICAL DISTRIBUTION SYSTEM UPGRADES	7. Project Number P-504	

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCdr Roger Natsuhara, Phone: (808) 474-8190

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N00314 NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII				4. Command COMMANDER IN CHIEF PACIFIC FLEET				5. Area Constr Cost Index 1.45		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	401	3,695	776	0	5	0	60	331	0	5,268
	281	2,194	757	0	4	0	58	351	0	3,645
7. INVENTORY DATA										
a.	TOTAL ACREAGE (125)									
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....									136,880
c.	AUTHORIZATION NOT YET IN INVENTORY.....									0
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....									8,060
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....									47,550
g.	REMAINING DEFICIENCY.....									186,950
h.	GRAND TOTAL.....									379,440
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title					<u>Scope</u>	Cost (\$000)	Design Status		
721.11 04/98	BACH ENL QTRS MODN					3,573 m2	8,060	Start 06/97	Complete	

TOTAL										8,060
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
812.40	FY01 - SECURITY LIGHTING						1,800	-		
740.74	FY03 - CHILD DEV CTR ADDITION						1,900	-		
152.20	FY01 - BERTHING WHARF						39,000	-		
143.65	FY03 - OPERATIONS CENTER						4,850	-		

TOTAL										47,550
c. Real Property Maintenance Backlog (\$000): \$188,790										
10. Mission Or Major Functions:										
Maintain and operate shore facilities for training and experimental operations of the submarine forces; provide logistic support to submarines. Services the Commander, Submarine Forces, US Pacific Fleet, two submarine attack squadrons, the Submarine Training Center, and the Submarine Intermediate Maintenance Activity.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00314 NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII		4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION		
5. Program Element 0204896N	6. Category Code 721.11	7. Project Number P-147	8. Project Cost (\$000) 8,060	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS MODERNIZATION				
BUILDING MODIFICATIONS	M2	3,573	-	6,490
BUILDING ADDITION	M2	2,966	1,656.00	(4,910)
INFORMATION SYSTEMS	M2	607	2,445.00	(1,480)
SUPPORTING FACILITIES	LS	-	-	(100)
MECHANICAL UTILITIES	LS	-	-	720
ELECTRICAL UTILITIES	LS	-	-	(250)
PAVING AND SITE IMPROVEMENT	LS	-	-	(240)
			-	(230)
			-	-----
SUBTOTAL	-	-	-	7,210
CONTINGENCY (5.0%)	-	-	-	360
			-	-----
TOTAL CONTRACT COST	-	-	-	7,570
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	490
			-	-----
TOTAL REQUEST	-	-	-	8,060
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Modernizes through rehabilitation and addition a three-story, double wing, concrete structure with 63 double occupancy rooms; expand interior unit area onto existing walkway; new unit access walkway; demolition of existing vertical and horizontal fins and stair modifications/additions to accommodate new walkway; subdivide existing adjoining bathroom to create private bathrooms; private sleeping areas; install walk-in closets, kitchenette, fire sprinklers, and air conditioning system; replace windows, ceiling, floor and wall coverings; repaint building exterior and reroof; install fire alarm system, and upgrade smoke detection system. Demolition to include asbestos and lead paint abatement. Intended Grade mix: 126 E1-E4. Total: 126. Maximum Utilization: 126 E1-E4.

11. Requirement: 1,053 PN Adequate: 540 PN Substandard: (513) PN.

PROJECT:

Modernizes a bachelor enlisted quarters (BEQ) to meet current Department of Defense "1+1" criteria and to comply with Navy and National Fire Protection Association (NFPA) fire protection standards. (Current mission.)

REQUIREMENT:

Adequate berthing facilities to meet current DOD quality of life standards for Navy personnel.

CURRENT SITUATION:

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00314 NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII		
4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION	7. Project Number P-147	

(...continued)

The existing facility was constructed in 1969 and has never been modernized. The mechanical and electrical systems are obsolete and deteriorated. Windows are obsolete and broken from normal deterioration and age, and there is no fire protection system. The living areas and bathroom configurations do not meet the current DOD habitability criteria, and do not comply with Navy and NFPA fire protection standards. Therefore, this facility is incapable of providing adequate and safe living areas for bachelor enlisted personnel.

IMPACT IF NOT PROVIDED:

Without this project, bachelor enlisted personnel at this base will continue to be subjected to unattractive substandard living conditions and will continue to be at risk of injury or death in the event of a fire. Morale and productivity will be adversely impacted, thereby seriously jeopardizing the Pacific Naval Submarine Fleet. Retaining trained military personnel will be difficult, and opportunities to reduce off-base housing costs will be diminished

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	06/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	04/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	80%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(490)
(B) All Other Design Costs.....	(250)
(C) Total.....	740
(D) Contract.....	(660)
(E) In-House.....	(80)

(4) Construction Start..... 10/98

Installation POC: LCdr Jeffery Hoel, Phone: (808) 471-2972

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
----------------------	--	-------------------

3. Installation and Location/UIC: N00314

NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII

4. Project Title BACHELOR ENLISTED QUARTERS MODERNIZATION	7. Project Number P-147
--	----------------------------

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. Real Property Maintenance (past two years) (\$000): 9,782

D. Future requirements for unaccompanied housing at this installation: 1093 PN

Installation POC: LCdr Jeffery Hoel, Phone: (808) 471-2972

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February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: N62755 NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII				4. Command NAVAL FACILITIES ENGINEERING COMMAND				5. Area Constr Cost Index 1.45

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	15	0	1,476	0	0	0	0	0	0	1,491
b. End FY 2004	15	0	1,595	0	0	0	0	0	0	1,610

7. INVENTORY DATA

a. TOTAL ACREAGE	(2,183)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										382,120
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										28,967
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										48,300
g. REMAINING DEFICIENCY.....										72,400
h. GRAND TOTAL.....										531,787

8. Projects Requested In This Program:

Category <u>Code</u>	Project Title	<u>Scope</u>	Cost	Design Status	
			(\$000)	<u>Start</u>	<u>Complete</u>
822.14 * 08/98	STEAM CONDENSATE RETURN SY	12,000 m	6,090	01/97	
831.20 * 12/97	SEWER OUTFALL EXTENSION	3,800 M	22,877	09/94	
	TOTAL		28,967		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

812.30	FY01 - ELEC DISTRIB SYSTEM IMPRS	20,000	-	-
812.30	FY02 - ELECT DISTR SYS IMPVS	23,000	-	-
832.10	FY02 - SEWER MAIN(FORD ISLAND)	2,300	-	-
842.10	FY01 - POTABLE WATER DISTR LINE	3,000	-	-
	TOTAL	48,300		

c. Real Property Maintenance Backlog (\$000): \$40,295

10. Mission Or Major Functions:

Provide public works, public utilities, housing, engineering services, shore facilities planning support, and all other public works logistics support incident thereto, required by the operating forces, dependent activities, and other commands located in the vicinity of the Pearl Harbor Naval Complex. This center provides services and support to: Naval Shipyard Naval Submarine Base Naval Air Station, Barbers Point Naval Station Marine Barracks Naval Supply Center Naval Magazine, Lualualei Family Housing Areas

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$28,967

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N62755 NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII		4. Project Title STEAM CONDENSATE RETURN SYSTEM		
5. Program Element 0702856N	6. Category Code 822.14	7. Project Number P-410	8. Project Cost (\$000) 6,090	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
STEAM CONDENSATE RETURN SYSTEM	m	12,000	-	5,120
CONDENSATE RETURN LINES	m	12,000	367.00	(4,400)
CONDENSATE RECEIVER UNITS (PUMP STATIONS)	LS	-	-	(290)
CATHODIC PROTECTION	LS	-	-	(330)
CONDENSATE STORAGE TANK	LS	-	-	(50)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	330
ELECTRICAL UTILITIES	LS	-	-	(330)
SUBTOTAL	-	-	-	5,450
CONTINGENCY (5.0%)	-	-	-	270
TOTAL CONTRACT COST	-	-	-	5,720
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	370
TOTAL REQUEST	-	-	-	6,090
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Condensate return system for the existing steam distribution system; condensate return lines and storage, receiver/pump stations, cathodic protection, electrical utilities, excavation, trenching and backfill.

11. Requirement: 12,000 m Adequate: 0 m Substandard: (0) m

PROJECT:

Corrects a Class I environmental violation by providing a steam condensate return system for the Naval Station and the Shipyard Pearl Harbor Complex. (Current mission.)

REQUIREMENT:

Adequate steam condensate return system to reduce the amount of hydrocarbon fuels used in the generation of steam and reduce the discharge of raised-temperature, chemically-treated water into Pearl Harbor. This system will also save energy, conserve water, reduce the cost of treating boiler feed water, and comply with water and air quality regulations.

CURRENT SITUATION:

This center generates steam to provide ship-to-shore hotel services to ships docked at the Naval Station piers and in the Shipyard drydocks. Steam is also provided to industrial shops for cleaning, testing, and processing heat for domestic hot water. The existing steam system, which has been in place for many years, discharges hot condensate directly into Pearl Harbor, at a tremendous waste of energy and water, without a

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: N62755

NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII

4. Project Title STEAM CONDENSATE RETURN SYSTEM	7. Project Number P-410
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(...continued)

National Pollutant Discharge Elimination System (NPDES) permit. This is a Class I environmental violation.

IMPACT IF NOT PROVIDED:

Without this project, the existing steam distribution system will continue to discharge hot condensate into Pearl Harbor, in violation of the Clean Water Act. The cost for doing this (potential fines) will be passed on to the ships as higher utility rates. The extra fuel burning will also continue to contribute to higher air pollution levels.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	01/97
(B) Date Design 35% Complete.....	03/97
(C) Date Design Complete.....	08/98
(D) Percent Complete As Of September 1997.....	45%
(E) Percent Complete As Of January 1998.....	55%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(370)
(B) All Other Design Costs.....	(190)
(C) Total.....	560
(D) Contract.....	(500)
(E) In-House.....	(60)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCDR Ross Woodson, Phone: (808) 471-3926

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N62755 NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII		4. Project Title SEWER OUTFALL EXTENSION		
5. Program Element 0702856N	6. Category Code 831.20	7. Project Number P-497	8. Project Cost (\$000) 22,877	
9. COST ESTIMATES				
Item		U/M	Quantity	Unit Cost
SEWER OUTFALL EXTENSION		M	3,800	5,385.00
SUBTOTAL		-	-	20,460
CONTINGENCY (5.0%)		-	-	1,020
TOTAL CONTRACT COST		-	-	21,480
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)		-	-	1,397
TOTAL REQUEST		-	-	22,877
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(0)
9. COST ESTIMATES				
10. Description of Proposed Construction 3,800 meter by 1.05 meter diameter wastewater outfall extension, terminating at a water depth of approximately 37 meters.				
11. Requirement: <u>3,800 M</u>		Adequate: <u>0 M</u>	Substandard: <u>(0) M</u>	
PROJECT: <p>This project corrects a Class I environmental violation by constructing an outfall extension at the Navy's Fort Kamehameha Wastewater Treatment Plant (WWTP). (Current mission.)</p> REQUIREMENT: <p>Extend outfall structure to discharge wastewater effluent into open coastal waters where the State of Hawaii's water quality standards can be met.</p> CURRENT SITUATION: <p>The Fort Kamehameha Wastewater Treatment Plant (WWTP) currently has a 547 m long, 760 mm diameter outfall which terminates in the entrance channel of the Pearl Harbor estuary at a depth of 14 m. The Navy has violated Section 11-54-05.2(d) and Section 11-54-06(b)(3) of the State Water Quality Standards at the entrance channel for the nutrients of ammonia, nitrogen, and total nitrogen. This is a Class I violation even though the Navy has not received a Notice of Violation (NOV) and even though these standards are not included in the National Pollutant Discharge Elimination System (NPDES) permit. The new NPDES permit to be issued this calendar year will include nutrient levels based on the current flow of 7.5 MGD at the existing outfall location. Since the flow will increase from 7.5 MGD to 8.5 MGD with the plant expansion, the amount of nutrients discharged will also be greater than what the permit allows, thereby causing a continual Class I violation. The plant expansion has been designed to accommodate increased wastewater flows generated by growth within the Pearl Harbor/Hickam Complexes and will ensure that total suspended solids</p>				
(Continued On DD 1391C...)				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62755 NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII		
4. Project Title SEWER OUTFALL EXTENSION	7. Project Number P-497	

(...continued)

and biochemical oxygen demand (BOD) do not increase. The Pearl Harbor estuary, where the effluent is discharged, is considered an impaired water body which has exceeded nutrient and turbidity limits. Paragraph 11-54-03(4) of the State Water Quality Standards states "... No new sewage discharges shall be permitted within estuaries. No new industrial discharges shall be permitted within estuaries,...." Projects have increased the capacity of the WWTP by adding aeration tanks, new headworks, primary settling tanks, a primary aerobic digester, sand drying beds, and final settling tanks. With the current expansion of the treatment plant, the flow rate will increase from 7.5 MGD to 8.5 MGD with a capacity of 13 MGD, thereby causing increased discharges. This is a Class II violation because the Navy will be in violation when the expansion is completed. By extending the sewer outfall into open coastal waters, the Navy can meet the State's water quality standards and will not be discharging into an impaired water body. This project will correct the Navy's Class I and Class II violations.

IMPACT IF NOT PROVIDED:

Non-compliance with stringent effluent and water quality regulations could result in fines, civil liability, curtailment of operations, and hazards to health.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 09/94
- (B) Date Design 35% Complete..... 03/96
- (C) Date Design Complete..... 12/97
- (D) Percent Complete As Of September 1997..... 85%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (1,370)
- (B) All Other Design Costs..... (690)
- (C) Total..... 2,060
- (D) Contract..... (1,830)
- (E) In-House..... (230)

Installation POC: LCdr Ross Woodson, Phone: (808) 471-3926

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62755 NAVY PUBLIC WORKS CENTER, PEARL HARBOR, HAWAII		
4. Project Title SEWER OUTFALL EXTENSION	7. Project Number P-497	

(...continued)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCdr Ross Woodson, Phone: (808) 471-3926

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98		
3. Installation and Location/UIC: N42079 NAVAL COMMS AREA MASTER STATION, EASTPAC WAHIAWA, HAWAII			4. Command NAVAL COMPUTER & TELECOMMS COMMAND			5. Area Constr Cost Index 1.47				
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported		Total 744 776	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted		Civilian
	25	548	171	0	0	0	0	0		0
7. INVENTORY DATA										
a. TOTAL ACREAGE (0)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....	0									
c. AUTHORIZATION NOT YET IN INVENTORY.....	0									
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	1,970									
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0									
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0									
g. REMAINING DEFICIENCY.....	0									
h. GRAND TOTAL.....	1,970									
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title		Scope	Cost (\$000)	Design Status					
730.10 06/98	FIRE STATION		539 m2	1,970	Start 09/93					
TOTAL		1,970								
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
NONE										
c. Real Property Maintenance Backlog (\$000): \$8,322										
10. Mission Or Major Functions:										
As an activity of the Naval telecommunications system, manages, operates, and maintains those facilities, systems, equipment and devices necessary to provide requisite communications for the command, operational control, and administration of the Naval establishment, to manage, operate, and maintain those facilities and equipment of the Defense telecommunications system and the Coast Guard as assigned; and to perform such other functions as may be directed by the Chief of Naval Operations.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N42079 NAVAL COMMS AREA MASTER STATION, WAHIAWA, HAWAII		4. Project Title FIRE STATION			
5. Program Element 0303196N	6. Category Code 730.10	7. Project Number P-155	8. Project Cost (\$000) 1,970		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
FIRE STATION		m2	539	1,980.00	1,070
SUPPORTING FACILITIES		-	-	-	690
UTILITIES		LS	-	-	(200)
PAVING, SITE IMPRS, AND DEMOLITION		LS	-	-	(490)
SUBTOTAL		-	-	-	1,760
CONTINGENCY (5.0%)		-	-	-	90
TOTAL CONTRACT COST		-	-	-	1,850
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)		-	-	-	120
TOTAL REQUEST		-	-	-	1,970
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>One-story concrete building, concrete masonry exterior walls, concrete floor slab, and metal roof; area dormitory, kitchen, classroom, exercise room, workroom, storage, offices, fire fighting equipment, standby generator, access driveway, parking, utilities and demolition of one building.</p>					
11. Requirement: <u>539 m2</u>		Adequate: <u>0 m2</u>	Substandard: <u>(0) m2</u>		
<p>PROJECT: Constructs a fire station. (Current mission.)</p>					
<p>REQUIREMENT: An adequate facility to provide fire fighting and protection services at this station. In order to ensure the safety of personnel and property, present day fire codes require that fire companies maintain specific fire fighting response times (FRTs). FRTs are based on measured apparatus run times. Hence, the location of a fire station is critical.</p>					
<p>CURRENT SITUATION: The existing fire station occupies a building originally constructed in 1942 as a morgue. It is situated in a highly-developed area of the station, confined between a building and a street, precluding renovation to meet the requirement. It was not configured to be used as a fire station and has a narrow enclosed parking bay. The building is one third smaller than the required facility and does not provide a complete covered apparatus to house one fire fighting truck. Additionally, the age, deteriorated condition, and size of the facility provide poor living conditions for fire fighting personnel.</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: N42079

NAVAL COMMS AREA MASTER STATION, WAHIAWA, HAWAII

4. Project Title FIRE STATION	7. Project Number P-155
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(...continued)

IMPACT IF NOT PROVIDED:

Fire fighting personnel will continue to live and work in undersized sleeping quarters, poor dining areas and noisy and non-private rooms. The station will continue to risk operating at a reduced capability to adequately and quickly respond to fire and other emergencies.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	09/93
(B) Date Design 35% Complete.....	05/94
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	50%
(E) Percent Complete As Of January 1998.....	70%

(2) Basis:

(A) Standard or Definitive Design:
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(120)
(B) All Other Design Costs.....	(60)
(C) Total.....	180
(D) Contract.....	(160)
(E) In-House.....	(20)

(4) Construction Start..... 02/99

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Lt Stephen Foster, Phone: (808) 653-5473

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS				4. Command CHIEF OF NAVAL EDUCATION AND TRAINING				5. Area Constr Cost Index 1.26		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	556	4,089	1,575	4	5,512	0	286	893	0	
									12,915	
									17,210	
7. INVENTORY DATA										
a.	TOTAL ACREAGE (1,030)									
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....								303,340	
c.	AUTHORIZATION NOT YET IN INVENTORY.....								0	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....								13,160	
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....								0	
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....								93,550	
g.	REMAINING DEFICIENCY.....								102,100	
h.	GRAND TOTAL.....								512,150	
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title	Scope	Cost (\$000)	Design Status Start	Complete					
171.35 08/98	GAS TURBINE TRNG FAC	2,602 m2	7,410	01/97						
171.20 08/98	APPLIED INSTR BLDG MODS	15,467 m2	5,750	01/97						
TOTAL				13,160						
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
610.10	FY03 - AIR CONDITION UPGRADE	6,600	-	-						
721.11	FY01 - BEQ (RECRUIT INPROCESSING)	14,400	-	-						
171.40	FY02 - DRILL HALL REPL	10,200	-	-						
730.25	FY03 - PASS SECURITY OFFICE	1,190	-	-						
171.40	FY02 - REPL RTC DRILL HALL	10,300	-	-						
721.11	FY01 - BEQ (RTC STAFF (178 PN))	17,400	-	-						
721.14	FY01 - BEQ ("A" SCHOOL)	24,800	-	-						
171.50	FY02 - REPL SMALL ARMS RANGE	5,400	-	-						
740.21	FY02 - EXTEND RECRUIT SUPPORT CTR	1,700	-	-						
750.20	FY03 - ALL WEATHER TRACK	1,560	-	-						
TOTAL				93,550						
c. Real Property Maintenance Backlog (\$000): \$238,718										
10. Mission Or Major Functions:										
Provide basic indoctrination (recruit training) for enlisted personnel; primary, advanced, and specialized training for officer and enlisted personnel. Recruit Training Command Service School Command										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS		4. Project Title APPLIED INSTRUCTION BUILDING MODIFICATIONS		
5. Program Element 0805796N	6. Category Code 171.20	7. Project Number P-566	8. Project Cost (\$000) 5,750	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
APPLIED INSTRUCTION BUILDING MODIFICATIONS	m2	15,467	-	5,160
BUILDING MODIFICATIONS	m2	15,467	315.00	(4,870)
TEMPORARY CLASSROOMS	-	-	-	(240)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUBTOTAL	-	-	-	5,160
CONTINGENCY (5.0%)	-	-	-	260
TOTAL CONTRACT COST	-	-	-	5,420
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	330
TOTAL REQUEST	-	-	-	5,750
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Replace existing roof-mounted air handlers and window air conditioning units with central heating, ventilation, and air conditioning (HVAC) systems.

11. Requirement: 15,467 m² Adequate: 0 m² Substandard: (15,467) m².

PROJECT:

Provides centralized HVAC systems for two adjacent applied instruction buildings and temporary classrooms. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility with proper environmental controls to accomplish combat systems training, to effectively run the sensitive electronic training equipment, and to meet current indoor air quality requirements. This project will also provide sufficient cooling for the introduction of new technology systems consisting of Learning Resource Centers (LRCs), Automated Electronic Classrooms (AECs), and self-paced electronic training systems, that are required to unconstrain vital fleet ratings which are seriously undermanned in the fleet. The centralized HVAC system will prevent heat damage to electronic training equipment and provide an acceptable training environment, meeting quality of life standards for students and instructors. Temporary classrooms are required for the 18 months during which the modifications to the two buildings will be accomplished.

CURRENT SITUATION:

Roof-mounted air handlers and window units currently provide air conditioning for both buildings. The combined refrigeration capacity is

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS		
4. Project Title APPLIED INSTRUCTION BUILDING MODIFICATIONS	7. Project Number P-566	

(...continued)

approximately one-half of that required for maintaining electronic training equipment within acceptable temperature and humidity tolerances and providing an acceptable training environment. Excessive heat in the summer of 1995 resulted in the loss of electronic training equipment with a replacement value exceeding \$375,000. Some rooms have no direct supply of air conditioning, and those with window units do not have an adequate supply of outdoor air. During the summer, temperatures exceed 90 degrees. This excessive heat generates interior temperatures exceeding 100 degrees. "Tropical hours" scheduling has been used in the past to accommodate these conditions. A proposed third shift for 1998 will eliminate all alternative scheduling. The addition of new technology electronic training systems is jeopardized due to excessive heat conditions.

IMPACT IF NOT PROVIDED:

Without this project, students will be trained in an unsatisfactory environment, degrading the effectiveness of this center's training mission. Premature maintenance and replacement of electronic training equipment will persist. The introduction of state-of-the art equipment to upgrade students' technical proficiency cannot be accomplished because of the excessive heat during the summer months. Introduction of the new technology LRCs, AECs and self-paced electronic training student work stations indicates an expected reduction of Core curriculum time of five weeks (approximately 20% elapsed time reduction), saving an estimated \$4 million and providing technicians to the fleet sooner. Without proper air conditioning, computerized training cannot be accomplished

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 50%

(2) Basis:

- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

Installation POC: LCDR William Eich, Phone: (847) - 688-4818

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: N00210

NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS

4. Project Title APPLIED INSTRUCTION BUILDING MODIFICATIONS	7. Project Number P-566
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(...continued)

(A) Production of Plans and Specifications.....	(325)
(B) All Other Design Costs.....	(50)
(C) Total.....	375
(D) Contract.....	(350)
(E) In-House.....	(25)
(4) Construction Start..... 11/98	

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCdr William Eich, Phone: (847) - 688-4818

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS		4. Project Title GAS TURBINE TRAINING FACILITY		
5. Program Element 0805796N	6. Category Code 171.35	7. Project Number P-518	8. Project Cost (\$000) 7,410	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
GAS TURBINE TRAINING FACILITY	M2	2,602	-	5,710
BUILDING	M2	2,602	1,872.00	(4,870)
BUILT-IN EQUIPMENT	LS	-	-	(750)
TECHNICAL OPERATING MANUALS	LS	-	-	(90)
SUPPORTING FACILITIES	-	-	-	950
UTILITIES	LS	-	-	(440)
PAVING AND SITE IMPROVEMENT	LS	-	-	(210)
DEMOLITION	LS	-	-	(300)
SUBTOTAL	-	-	-	6,660
CONTINGENCY (5.0%)	-	-	-	330
TOTAL CONTRACT COST	-	-	-	6,990
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	420
TOTAL REQUEST	-	-	-	7,410
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(3,845)

10. Description of Proposed Construction

Two-story, steel-frame building, concrete block and brick interior wall, concrete floors and single-ply membrane or metal roof on an insulated deck; sound control, equipment cooling water, compressed air systems, high volume ventilation, computer room cooling, access flooring system, battery room ventilation, waste oil collection system, equipment isolation foundations, crane system, fire protection system, fuel oil distribution, classrooms, administrative area, instructors and students work spaces and lounges, air conditioning, utilities, demolition of one building and removal of existing underground storage tanks.

11. Requirement: 2,602 M2 Adequate: 0 M2 Substandard: (1,529) M2

PROJECT:

Constructs a gas turbine training facility. (Current mission.)

REQUIREMENT:

An adequate and properly-configured facility to accommodate a Gas Turbine School at Great Lakes for the Service School Command. This facility is necessary to support operational training requirements on existing Fleet propulsion systems, as well as those newly delivered to the Fleet. This requirement is driven by the increase of gas turbine propelled ships and the new and expanded requirement to provide additional classroom/laboratory space for the technical training equipment pertinent to the DDG51 propulsion system. The courses of instruction provided by this school are Gas Turbine "C" School, Prospective Engineering Officer

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS		
4. Project Title GAS TURBINE TRAINING FACILITY	7. Project Number P-518	

(...continued)

Course (PEOC), Senior Enlisted Propulsion Engineering Course (SEPEC), Console Operator Training, and Marine Gas Turbine Inspector Course.

CURRENT SITUATION:

The existing facility is 51 years old and has outlived its economic life. This facility provides only static generic/core/strand training on some propulsion components and does not provide any required operational training. The existing facility cannot provide the required training on the DDG51 system, because it is substantially undersized impeding upgrade of current systems and installation of new propulsion systems. The hands-on training of the Journeyman "C" School has been suspended because of a shutdown of the operational engines and ancillary equipment in the existing facility because of life safety and environmental considerations. Overall, the existing facility has deficiencies of structural adequacy, fuel systems, fire protection, and safety which preclude operational training.

IMPACT IF NOT PROVIDED:

Without this project, current training requirements cannot be met. Total readiness cannot be obtained unless dynamic systems training and hands-on laboratory training are provided for the gas turbine systems. The cost to the Navy to perform the training mission will increase due to the need to upgrade and maintain a substandard facility. Gas turbine sailors reporting for Fleet duty will require extensive on-the-job training aboard ship

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	01/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	08/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	50%

(2) Basis:

(A) Standard or Definitive Design: YES
(B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(460)
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Installation POC: LCdr William Eich, Phone: (847) - 688-4818

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00210 NAVAL TRAINING CENTER, GREAT LAKES, ILLINOIS		
4. Project Title GAS TURBINE TRAINING FACILITY	7. Project Number P-518	

(...continued)

(B) All Other Design Costs.....	(220)
(C) Total.....	680
(D) Contract.....	(620)
(E) In-House.....	(60)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Fiscal Year		
	Procuring Appropriation	Appropriated Or Requested	Cost (\$000)
TRAINING EQUIPMENT	O&MN	1999	3,845
		TOTAL	3,845

Installation POC: LCdr William Eich, Phone: (847) - 688-4818

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February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N00174 NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD, MARYLAND				4. Command NAVAL SEA SYSTEMS COMMAND				5. Area Constr Cost Index 0.88		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	81	417	2,363	0	35	0	25	173	0		3,094
	47	211	2,853	0	0	0	25	173	0	3,309
7. INVENTORY DATA										
a. TOTAL ACREAGE (3,410)									262,860	
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									0	
c. AUTHORIZATION NOT YET IN INVENTORY.....									6,680	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									6,400	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									67,400	
g. REMAINING DEFICIENCY.....									343,340	
h. GRAND TOTAL.....										
8. Projects Requested In This Program:										
Category <u>Code</u>	<u>Project Title</u>			<u>Scope</u>	<u>Cost</u> (\$000)	<u>Design</u>	<u>Status</u>	<u>Start</u>	<u>Complete</u>	
226.65 * ANNEALING OVEN FACILITY 09/98				239 m2	6,680	01/97				
TOTAL				6,680						
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
831.10 * SEWAGE TREATMENT PLANT									6,400	
TOTAL				6,400						
b. Major Planned Next Three Years:										
c. Real Property Maintenance Backlog (\$000): \$66,904										
10. Mission Or Major Functions:										
Provide material and technical support for weapon systems, weapons or components. Maintain and operate facilities for mixing, blending, casting and extruding chemicals, propellants and explosives and for the assembly and test of rocket and missile motors. Conduct research in propellants, explosives and related fields, including producing pilot plant quantities of new chemicals. Repair, rework, and modify fleet returned guided missile propulsion units. Provide logistic support for the Naval Explosive Ordnance Disposal Facility and the Naval School, Explosive Ordnance Disposal.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$13,080										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00174 NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND		4. Project Title ANNEALING OVEN FACILITY		
5. Program Element 0702856N	6. Category Code 226.65	7. Project Number P-149	8. Project Cost (\$000) 6,680	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
ANNEALING OVEN FACILITY	m2	239	-	5,280
BUILDING INCLUDING OVENS	m2	239	4,396.00	(1,050)
POLLUTION CONTROL UNITS	LS	-	-	(4,160)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	720
UTILITIES	LS	-	-	(250)
PAVING, SITE IMPROVEMENT AND DEMOLITION	LS	-	-	(180)
DECONTAMINATION AND REMOVAL	LS	-	-	(290)
SUBTOTAL	-	-	-	-----
CONTINGENCY (5.0%)	-	-	-	6,000
TOTAL CONTRACT COST	-	-	-	300
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	-----
TOTAL REQUEST	-	-	-	6,300
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	380

				6,680
				(0)

10. Description of Proposed Construction

One-story reinforced concrete building, 18 integrated stainless steel annealing ovens, industrial ventilation system, pollution control system, and control building; wash down water collection system, lightning protection system, stacks, and steam heating system for ovens; best available control technology to remove nitroglycerin vapor emissions to highest specified standard; concrete aprons and loading docks for ovens, and demolition and decontamination of existing facilities.

11. Requirement: 239 m² Adequate: 0 m² Substandard: (0) m².

PROJECT:

Constructs an annealing oven facility with more stringent air pollution controls and industrial ventilation technology to correct a Class I environmental violation. (Current mission.)

REQUIREMENT:

An adequate state-of-the-art facility to support the existing mission of producing nitroglycerin (NG) containing propellant products used in many Fleet applications. A new facility is required for heat treating propellant grains while using air pollution control technology to reduce NG vapor emmissions from the exhaust streams and industrial ventilation technology to reduce potential worker exposure to specified standards. This project will replace existing annealing oven facilities that cannot be made to comply with current air quality and water pollution standards.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00174 NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND		
4. Project Title ANNEALING OVEN FACILITY	7. Project Number P-149	

(...continued)

CURRENT SITUATION:

The process of heat treating propellant grains in the existing annealing ovens to remove internal stresses releases NG vapors to the atmosphere in violation of local air emissions standards and exposes personnel to potential hazards during the production and oven cleaning processes. This is a Class I environmental violation. Safety ventilation systems are included in this project. Also, the associated waste water runoff is a potential source of groundwater pollution, although it has not yet been cited with a notice of violation.

IMPACT IF NOT PROVIDED:

Without this project, this activity will be out of compliance with current State of Maryland environmental standards. Failure to replace annealing ovens could result in fines or jeopardize production at the Navy's only facility for propellants containing nitroglycerin.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 09/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 55%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (410)
- (B) All Other Design Costs..... (200)
- (C) Total..... 610
- (D) Contract..... (540)
- (E) In-House..... (70)

(4) Construction Start..... 01/99

Installation POC: LCDR Kevin Slates, Phone: (301) 743-4288

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00174 NAVAL SURFACE WARFARE CENTER DIVISION, INDIAN HEAD DIV, INDIAN HEAD, MARYLAND		
4. Project Title ANNEALING OVEN FACILITY	7. Project Number P-149	

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCdr Kevin Slates, Phone: (301) 743-4288

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N62604 NAVAL CONSTRUCTION BATTALN CENTER, GULFPORT, MISSISSIPPI			4. Command NAVAL FACILITIES ENGINEERING COMMAND				5. Area Constr Cost Index 0.85				
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	192	3,269	1,474	0	151	0	6	432	0		5,524
	188	2,894	1,863	0	544	0	4	69	0	5,562	
7. INVENTORY DATA											
a. TOTAL ACREAGE (4,770)									146,840		
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									0		
c. AUTHORIZATION NOT YET IN INVENTORY.....									0		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									10,670		
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									11,580		
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									0		
g. REMAINING DEFICIENCY.....									29,650		
h. GRAND TOTAL.....									198,740		
8. Projects Requested In This Program:											
Category Code	Project Title	Scope	Cost (\$000)	Design Status Start	Complete						
721.11 09/96	BACH ENL QTRS REPLACEMENT	7,490 m2	10,670	05/95							
TOTAL											
10,670											
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
721.11	BEQ MODERNIZATION		11,580	-	-						
TOTAL											
11,580											
b. Major Planned Next Three Years:											
NONE											
c. Real Property Maintenance Backlog (\$000): \$17,303											
10. Mission Or Major Functions:											
Support the Naval Construction Force, fleet units and assigned organizational units deployed from or homeported at the center; support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced based and mobilization stocks. 20th Naval Construction Regiment Five Naval Mobile Construction Battalions Naval Construction Training Center Seventeen Reserve Naval Mobile Construction Battalions Nine Reserve Naval Construction Regiments One Reserve Naval Construction Force Augmentation Unit											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N62604 NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI		4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		
5. Program Element 0702896N	6. Category Code 721.11	7. Project Number P-759	8. Project Cost (\$000) 10,670	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS REPLACEMENT				
BUILDING	M2	7,490	-	7,840
BUILT-IN EQUIPMENT	M2	7,490	1,003.00	(7,510)
INFORMATION SYSTEMS	LS	-	-	(250)
SUPPORTING FACILITIES	LS	-	-	(80)
UTILITIES	-	-	-	1,750
PAVING AND SITE IMPROVEMENT	LS	-	-	(450)
DEMOLITION AND ASBESTOS REMOVAL	LS	-	-	(750)
	-	-	-	(550)
SUBTOTAL	-	-	-	9,590
CONTINGENCY (5.0%)	-	-	-	480
TOTAL CONTRACT COST	-	-	-	10,070
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	600
TOTAL REQUEST	-	-	-	10,670
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Multi-story, reinforced concrete building, concrete spread footings, concrete floors, masonry walls with brick facing; built-up roof on concrete roof deck; 107 modules with two private sleeping/living rooms, two walk-in closets, kitchenette/service area, and an adjoining full, semi-private bath shared by up to two persons; sound attenuation; BEQ admin and lobby, laundry, vending, multi-purpose lounge/training/game/recreation rooms, community kitchen, housekeeping and storage; elevators; fire detection, alarm and automatic sprinkler systems; utility and mechanical rooms; communications and cable TV system distribution; heating, ventilating and air conditioning; utilities; paving, site improvements, demolition of four buildings, and asbestos removal. Intended Grade Mix: 154 E1-E4, 30 E5/6. Total: 184. Maximum Utilization by 214 E1-E4.

11. Requirement: 1,490 PN Adequate: 322 PN Substandard: (1,026) PN.

PROJECT:

Constructs a bachelor enlisted quarters in compliance with Department of Defense "1+1" standard for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate and properly-configured housing facilities to accommodate enlisted battalion personnel while in homeport.

CURRENT SITUATION:

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																						
3. Installation and Location/UIC: N62604 NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI																									
4. Project Title BACHELOR ENLISTED QUARTERS REPLACEMENT		7. Project Number P-759																							
<p>(...continued)</p> <p>Existing facilities were constructed over 20 years ago, are inadequate, overcrowded, and do not meet current housing criteria.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, battalion personnel would continue to live in quarters that are inadequate. Continued use of existing facilities and increased use of off-base housing would impact on the morale of Seabee personnel and this center's ability to accomplish its mission.</p>																									
12. Supplemental Data:																									
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr> <td>(A) Date Design Started.....</td> <td>05/95</td> </tr> <tr> <td>(B) Date Design 35% Complete.....</td> <td>03/96</td> </tr> <tr> <td>(C) Date Design Complete.....</td> <td>09/96</td> </tr> <tr> <td>(D) Percent Complete As Of September 1997.....</td> <td>100%</td> </tr> <tr> <td>(E) Percent Complete As Of January 1998.....</td> <td>100%</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design: YES</td> </tr> <tr> <td>(B) Where Design Was Most Recently Used: dsgn/build</td> </tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr> <td>(A) Production of Plans and Specifications.....</td> <td>(650)</td> </tr> <tr> <td>(B) All Other Design Costs.....</td> <td>(330)</td> </tr> <tr> <td>(C) Total.....</td> <td>980</td> </tr> <tr> <td>(D) Contract.....</td> <td>(870)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(110)</td> </tr> </table> <p>(4) Construction Start..... 10/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>C. Real Property Maintenance (past two years) (\$000): 3,344</p> <p>D. Future requirements for unaccompanied housing at this installation: 1168 PN</p>				(A) Date Design Started.....	05/95	(B) Date Design 35% Complete.....	03/96	(C) Date Design Complete.....	09/96	(D) Percent Complete As Of September 1997.....	100%	(E) Percent Complete As Of January 1998.....	100%	(A) Standard or Definitive Design: YES	(B) Where Design Was Most Recently Used: dsgn/build	(A) Production of Plans and Specifications.....	(650)	(B) All Other Design Costs.....	(330)	(C) Total.....	980	(D) Contract.....	(870)	(E) In-House.....	(110)
(A) Date Design Started.....	05/95																								
(B) Date Design 35% Complete.....	03/96																								
(C) Date Design Complete.....	09/96																								
(D) Percent Complete As Of September 1997.....	100%																								
(E) Percent Complete As Of January 1998.....	100%																								
(A) Standard or Definitive Design: YES																									
(B) Where Design Was Most Recently Used: dsgn/build																									
(A) Production of Plans and Specifications.....	(650)																								
(B) All Other Design Costs.....	(330)																								
(C) Total.....	980																								
(D) Contract.....	(870)																								
(E) In-House.....	(110)																								

Installation POC: LCDR Michael Lipski, Phone: (228) 871-2241

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA				4. Command COMMANDANT OF THE MARINE CORPS			5. Area Constr Cost Index 0.90	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	127	1,008	1,632	47	3,466	0	2,084	29,726	3,098	41,188
b. End FY 2004	127	1,019	1,582	267	6,835	0	2,528	28,703	2,948	44,009

7. INVENTORY DATA

a. TOTAL ACREAGE	(127,507)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										883,680
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										14,600
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										6,500
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										94,340
g. REMAINING DEFICIENCY.....										315,500
h. GRAND TOTAL.....										1,314,620

8. Projects Requested In This Program:

Category <u>Code</u>	Project Title	Scope	Cost	Design Status	
			<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>
872.10 06/98	INFRASTRUCTURE PHY SECURIT	0 LS	12,770	11/95	
730.10 06/98	FIRE STATION	761 m2	1,830	03/97	
	TOTAL		14,600		

9. Future Projects:

a. Included In The Following Program (FY 2000):

214.51	MAINT & OPS FACILITY	6,500	-	-
	TOTAL	6,500		

b. Major Planned Next Three Years:

171.50	FY01 - SIM MARKSMANSHIP TRNG	7,000	-	-
730.82 *	FY02 - MATERIAL RECYCLING FAC	1,240	-	-
740.74	FY03 - CHILD DEVELOPMENT CENTER	3,500	-	-
721.11	FY02 - BEQ	11,700	-	-
214.51	FY02 - CVMS/OPS OVM SHOP	10,830	-	-
217.10	FY03 - ELEC&COMM MAINT SHOPS	4,700	-	-
214.53	FY02 - FIELD MAINT COMPLEX (PHII)	13,300	-	-
722.10	FY03 - MESS HALL ADD FRENCH CREEK	2,150	-	-
214.53	FY02 - COMBAT VEH MAINT SHOP	3,500	-	-
214.53	FY02 - COMBAT VEH MAINT SUPPORT	4,140	-	-
214.53	FY01 - FLD MNT SHP/BLK FUEL CO	7,470	-	-
214.53	FY02 - COMBAT VEHICLE MAINT SHOP	3,810	-	-
851.10	FY01 - MISC ROAD & UTILITIES	6,300	-	-
721.11	FY01 - BACHELOR ENLISTED QUARTERS	14,700	-	-
	TOTAL	94,340		

c. Real Property Maintenance Backlog (\$000): \$88,615

10. Mission Or Major Functions:

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98
3. Installation and Location/UIC: M67001 MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA	4. Command COMMANDANT OF THE MARINE CORPS	5. Area Constr Cost Index 0.90	

(...continued)

Provide housing, training facilities, logistics support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools for other training as directed.

11. Outstanding Pollution And Safety Deficiencies (\$000):

- a. Pollution Abatement (*): \$1,240
- b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: M67001 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		4. Project Title FIRE STATION			
5. Program Element 0206496M	6. Category Code 730.10	7. Project Number P-931	8. Project Cost (\$000) 1,830		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
FIRE STATION		m2	761	-	980
BUILDING		m2	761	1,188.00	(900)
BUILT-IN EQUIPMENT		LS	-	-	(80)
SUPPORTING FACILITIES		-	-	-	670
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(30)
ELECTRICAL UTILITIES		LS	-	-	(100)
MECHANICAL UTILITIES		LS	-	-	(190)
PAVING AND SITE IMPROVEMENT		LS	-	-	(350)
SUBTOTAL		-	-	-	1,650
CONTINGENCY (5.0%)		-	-	-	80
TOTAL CONTRACT COST		-	-	-	1,730
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	100
TOTAL REQUEST		-	-	-	1,830
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>One-story, two-company building, detached hazardous storage building, pile foundation with reinforced concrete pile caps, grade beams and slab, masonry cavity walls, and standing seam metal roof over steel decking on structural steel-framing system; overhead engine exhaust system; fire protection system, utility connections, security lighting, bituminous pavement parking, concrete parking and drives, air conditioning, and site improvements.</p>					
11. Requirement: <u>761 m2</u>		Adequate: <u>0 m2</u>		Substandard: <u>(0) m2</u>	
<p>PROJECT: Constructs a two-company fire station for the French Creek area. (Current mission.)</p> <p>REQUIREMENT: A new, optimally sited, fire station to meet fire-safety and emergency response time and distance requirements as stated in MCO P11000.11B and DOD Instruction 6055.6.</p> <p>CURRENT SITUATION: The French Creek area is currently served by a fire station which is not located properly to serve the entire French Creek area. Response time and distance parameters from the current facility have created a risky and unacceptable fire safety control problem. A recent command inspection</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M67001 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title FIRE STATION	7. Project Number P-931	

(...continued)

rated the location of the existing station as unsatisfactory. Relocation to a site which allows appropriate response time is critical.

IMPACT IF NOT PROVIDED:

Without this project, adequate fire protection service will not exist for the French Creek area, resulting in a possible loss of lives and property.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	03/97
(B) Date Design 35% Complete.....	06/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	40%
(E) Percent Complete As Of January 1998.....	60%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(110)
(B) All Other Design Costs.....	(60)
(C) Total.....	170
(D) Contract.....	(150)
(E) In-House.....	(20)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Larry Brant, Phone: (910) 451-1833

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M67001 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		4. Project Title INFRASTRUCTURE PHYSICAL SECURITY		
5. Program Element 0206496M	6. Category Code 872.10	7. Project Number P-062A	8. Project Cost (\$000) 12,770	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
INFRASTRUCTURE PHYSICAL SECURITY				
OBSERVATION TOWERS	LS	-	-	4,050
BUILDING RENOVATIONS	LS	-	-	(750)
BRIDGE	LS	-	-	(240)
PERIMETER FENCE	LS	-	-	(560)
SUPPORTING FACILITIES	-	-	-	(2,500)
ELECTRICAL UTILITIES	LS	-	-	7,430
MECHANICAL UTILITIES	LS	-	-	(730)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(3,400)
MITIGATION	LS	-	-	(3,100)
				(200)
SUBTOTAL	-	-	-	11,480
CONTINGENCY (5.0%)	-	-	-	570
TOTAL CONTRACT COST	-	-	-	12,050
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	720
TOTAL REQUEST	-	-	-	12,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

56.33 kilometers of 1.83 meter chain link fence with 6.1 meter cleared right of way and 3.66-7.32 meter swing gates at various road crossings; access road work and utility construction to support two multi-purpose machine gun ranges; 24.15 kilometers of 6.71 meter wide tactical and perimeter roadwork and 4.83 kilometers of 9.14 meter wide tank trail including a 30.48 meter bridge span; four 45.72 meter high observation towers and renovation of two buildings.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Provides perimeter fencing, access roads, observation towers, and utility construction to further support ranges currently under development in the Greater Sandy Run Area. (Current mission.)

REQUIREMENT:

Adequate infrastructure to support Marine Corps training operations. Development of raw land to support training operations requires various infrastructure improvements: (1) perimeter fencing for security; (2) observation towers for strategic viewing of scenarios involving tank and infantry movement operations; and (3) roads and tank trails for access to all ranges in the Greater Sandy Run Area. Access roads will allow complete tank access and circulation corridors for the entire training area. The

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M67001 MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA		
4. Project Title INFRASTRUCTURE PHYSICAL SECURITY	7. Project Number P-062A	

(...continued)

complex is also required for joint service exercises for combat readiness training exercises.

CURRENT SITUATION:

Land and training deficiencies at the Camp Lejeune complex were identified by studies in the 1980's, which resulted in a major land acquisition of the Greater Sandy Run Area (GSRA) in 1992. Results of these studies identified deficiencies in the automated field firing range, sniper training field fire range, machine gun range complex, individual shoulder fire weapons range, multi-purpose range complex, anti-armor tracking and live-fire range and CATFAE (Land mine Countermeasure System). Development proceeded in 1994 with two tank crew Remote Engagement Target System (RETS) ranges. These ranges allow tank crews and ground units to train at Camp Lejeune rather than deploying to Fort Bragg or Fort Benning for their required training. This project will provide additional infrastructure in support of the GSRA master development plan.

IMPACT IF NOT PROVIDED:

Previously acquired land will not be put to its optimum use. Marine Corps training requirements will not be met locally

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	11/95
(B) Date Design 35% Complete.....	03/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	45%
(E) Percent Complete As Of January 1998.....	60%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used: N/A

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(780)
(B) All Other Design Costs.....	(390)
(C) Total.....	1,170
(D) Contract.....	(1,030)
(E) In-House.....	(140)

Installation POC: Larry Brant, Phone: (910) 451-1833

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: M67001

MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA

4. Project Title

INFRASTRUCTURE PHYSICAL SECURITY

7. Project Number

P-062A

(...continued)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Larry Brant, Phone: (910) 451-1833

DD Form 1391C As Submitted to Congress
1 Dec 76
February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA			4. Command COMMANDANT OF THE MARINE CORPS			5. Area Constr Cost Index 0.92		

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	93	1,079	1,046	33	754	0	860	7,324	4,668	15,857
b. End FY 2004	91	545	1,124	85	390	0	865	6,730	5,764	15,594

7. INVENTORY DATA

a. TOTAL ACREAGE	(29,139)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										512,960
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										6,040
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										7,600
g. REMAINING DEFICIENCY.....										116,500
h. GRAND TOTAL.....										643,100

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost	Design Status	
			(\$000)	Start	Complete
141.20 06/98	ACFT FIRE & RESCUE STA ADD	505 m2	1,620	02/97	
740.74 06/98	CHILD DEVELOPMENT CENTER	2,195 m2	4,420	02/97	
TOTAL					6,040

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

740.50	FY03 - FITNESS CENTER	7,600	-	-
TOTAL				7,600

c. Real Property Maintenance Backlog (\$000): \$34,203

10. Mission Or Major Functions:

Provide public works, public utilities, housing, engineering services, shore facilities planning support, and all other public works logistics support incident thereto, required by the operating forces, dependent activities, and other commands located in the vicinity of the Pearl Harbor Naval Complex. This center provides services and support to: Naval Shipyard Naval Submarine Base Naval Air Station, Barbers Point Naval Station Marine Barracks Naval Supply Center Naval Magazine, Lualualei Family Housing Areas

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA		4. Project Title AIRCRAFT FIRE AND RESCUE STATION ADDITION		
5. Program Element 0206496M	6. Category Code 141.20	7. Project Number P-011	8. Project Cost (\$000) 1,620	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
AIRCRAFT FIRE AND RESCUE STATION ADDITION				
BUILDING ADDITION	m2	505	-	860
TECHNICAL OPERATING MANUALS	m2	505	1,615.00	(820)
SUPPORTING FACILITIES	LS	-	-	(40)
SPECIAL CONSTRUCTION FEATURES	LS	-	-	600
ELECTRICAL UTILITIES	LS	-	-	(50)
MECHANICAL UTILITIES	LS	-	-	(70)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(120)
	LS	-	-	(360)
SUBTOTAL	-	-	-	-----
CONTINGENCY (5.0%)	-	-	-	1,460
	-	-	-	70
TOTAL CONTRACT COST	-	-	-	-----
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	1,530
	-	-	-	90
TOTAL REQUEST	-	-	-	-----
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	1,620
				(0)

10. Description of Proposed Construction

One-story building addition, pile foundation and concrete floor, masonry walls, metal roof deck and modified bitumen roof; three high-bays with overhead sectional doors for vehicle parking; administrative space and sleeping quarters, air conditioning, fire protection system, utilities, concrete apron extension and bituminous pavement for heavy vehicles.

11. Requirement: 1,212 m² Adequate: 707 m² Substandard: (0) m²

PROJECT:

Constructs an addition to the aircraft fire and rescue (AFR) station to house an additional three AFR vehicles. (Current mission.)

REQUIREMENT:

Adequate facilities to house nine AFR vehicles. These vehicles have tanks built into their bodies for water, foam, and halon, and carry highly specialized emergency response equipment. Because of their unique equipment requirements and the need for these vehicles to be in a state of readiness at all times, it is critical that they be housed in a covered, heated area.

CURRENT SITUATION:

The existing facility has only enough space available to park six vehicles. Therefore, fire and rescue trucks are parked outside, unprotected from freezing weather. Because vehicles parked outside must be drained, they are unavailable for immediate response to emergencies for

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA		
4. Project Title AIRCRAFT FIRE AND RESCUE STATION ADDITION	7. Project Number P-011	

(...continued)

extended periods of time. Also, crash crew training personnel are working in inadequate, semi-permanent, wooden structures built in 1942. The crash crew is responsible for the safety of personnel and assets associated with over 13,000 landings and departures at Cherry Point each month.

IMPACT IF NOT PROVIDED:

Fire and rescue trucks will continue to be unprotected from freezing weather. Valuable working time will continue to be lost in draining and refilling each truck. It is critical that these vehicles be properly housed to ensure that all emergency response systems are maintained in operational condition so they are consistently ready. Additionally, without this project, the health and safety of the troops, as well as the protection of personnel and high value assets associated with a heavy volume of air traffic is in jeopardy.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	02/97
(B) Date Design 35% Complete.....	06/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	50%
(E) Percent Complete As Of January 1998.....	80%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(85)
(B) All Other Design Costs.....	(60)
(C) Total.....	145
(D) Contract.....	(130)
(E) In-House.....	(15)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Joseph Reilly, Phone: (919) 466-4763

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA		4. Project Title CHILD DEVELOPMENT CENTER			
5. Program Element 0206496M	6. Category Code 740.74	7. Project Number P-077	8. Project Cost (\$000) 4,420		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
CHILD DEVELOPMENT CENTER		m2	2,195	-	3,140
BUILDING		m2	2,195	1,230.00	(2,700)
BUILT-IN EQUIPMENT		LS	-	-	(440)
SUPPORTING FACILITIES		-	-	-	830
ELECTRICAL UTILITIES		LS	-	-	(160)
MECHANICAL UTILITIES		LS	-	-	(110)
PAVING AND SITE IMPROVEMENT		LS	-	-	(560)
SUBTOTAL		-	-	-	3,970
CONTINGENCY (5.0%)		-	-	-	200
TOTAL CONTRACT COST		-	-	-	4,170
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	250
TOTAL REQUEST		-	-	-	4,420
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>One-story, load bearing masonry wall building with brick veneer, concrete foundation and floor slab, standing seam metal roof system, fire protection system, closed circuit television, air conditioning, fenced in playground with built-in equipment and storage shed, kitchen and laundry areas with built-in equipment, utilities, paving, and site improvements.</p>					
11. Requirement: <u>3,787 m²</u>		Adequate: <u>1,592 m²</u>		Substandard: <u>(0) m²</u>	
<p>PROJECT: Constructs a child development center to accommodate 258 children. (Current mission.)</p> <p>REQUIREMENT: Adequate and properly-sized facility to accommodate infants, toddlers, and pre-school age children. A child development center provides supervised care for infants, pre-school, and school age children in a common facility, on a regularly scheduled or drop-in basis when parents are employed or otherwise unable to care for them. Child development centers are a necessary element in today's environment as their availability alleviates many problems incurred by military and DOD civilian parents who are single, who both work, or who have other special needs. These centers make the quality of life more appealing for military personnel, DOD civilians, and their dependents.</p> <p>CURRENT SITUATION: A large number of Marine Corps dependent children who need day care are turned away from existing facilities because of a lack of space. There are</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M00146 MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA		
4. Project Title CHILD DEVELOPMENT CENTER	7. Project Number P-077	

(...continued)

200 children occupying the existing facility which is at full capacity. In addition, there are three temporary modular child development units which are accommodating a total of 68 children. There is an average waiting list of 195 children. There are shortages of administrative and staff space because of the recent consolidation of family services and child care.

IMPACT IF NOT PROVIDED:

Without this project, children requiring child care cannot be accommodated, depriving Marine Corps dependents of professional care. Temporary facilities will continue to be used for child care. The number of children placed on the waiting list will continue to increase because existing facilities are at full capacity.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	02/97
(B) Date Design 35% Complete.....	06/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	50%
(E) Percent Complete As Of January 1998.....	80%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(240)
(B) All Other Design Costs.....	(165)
(C) Total.....	405
(D) Contract.....	(360)
(E) In-House.....	(45)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Joseph Reilly, Phone: (919) 466-4763

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N62661 NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND				4. Command CHIEF OF NAVAL EDUCATION AND TRAINING				5. Area Constr Cost Index 1.09		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	1,270	913	3,893	240	244	0	0	150	0	
7. INVENTORY DATA										
a. TOTAL ACREAGE (1,202)									232,540	
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									0	
c. AUTHORIZATION NOT YET IN INVENTORY.....									5,630	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									0	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									24,650	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									27,100	
g. REMAINING DEFICIENCY.....									289,920	
8. Projects Requested In This Program:										
Category <u>Code</u> <u>Project Title</u>	Scope	Cost (\$000)	Design Status Start Complete							
821.22 * BOILER PLANT MODIFICATIONS 08/98	520 m2	5,630	01/97							
TOTAL										5,630
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
730.20 FY03 - POLICE STATION	1,850	-	-							
851.20 FY02 - VEHICULAR BRIDGE REPLACEMT	7,900	-	-							
730.10 FY02 - FIRE/POLICE/SEC CONSOL	4,600	-	-							
740.43 FY03 - FITNESS CENTER	10,300	-	-							
TOTAL										24,650
c. Real Property Maintenance Backlog (\$000): \$56,519										
10. Mission Or Major Functions:										
Administer schools which provide a source from which qualified commissioned and warrant officers may be prepared for military service, and train Navy enlisted and foreign officer candidates. Homeport for active and Naval Reserve Force (NRF) ships. Based on Base Closure 93, the ships will not be homeported at this base in the future. Surface Warfare Officer School Naval War College Officer Candidate School Naval Justice School Navy Chaplains School Naval Underwater Systems Center										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$5,630										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N62661 NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND		4. Project Title BOILER PLANT MODIFICATIONS			
5. Program Element 0805796N	6. Category Code 821.22	7. Project Number P-406	8. Project Cost (\$000) 5,630		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
BOILER PLANT MODIFICATIONS		m2	520	-	2,650
BUILDING ADDITION		m2	520	1,596.00	(830)
BUILT-IN EQUIPMENT		LS	-	-	(1,630)
TECHNICAL OPERATING MANUALS		LS	-	-	(190)
SUPPORTING FACILITIES		-	-	-	2,410
EXHAUST STACKS		LS	-	-	(820)
EMISSION MONITORING SYSTEM		LS	-	-	(340)
AIR POLLUTION CONTROL EQUIPMENT		LS	-	-	(580)
VALVING STATION		LS	-	-	(100)
UTILITIES		LS	-	-	(130)
DEMOLITION		LS	-	-	(440)
SUBTOTAL		-	-	-	5,060
CONTINGENCY (5.0%)		-	-	-	250
TOTAL CONTRACT COST		-	-	-	5,310
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	320
TOTAL REQUEST		-	-	-	5,630
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>High-bay, reinforced steel-framed building addition; maximum capacity 36,400 kilograms per hour (Kh) boiler(s), 150 feet high reinforced concrete exhaust stacks requiring sizable concrete foundation; environmental controls and control room, fire protection system, air conditioning, utilities; renovation to small portion of existing building and demolition of one building.</p>					
11. Requirement: <u>520 m²</u>		Adequate: <u>0 m²</u>		Substandard: <u>(0) m²</u>	
<p>PROJECT: Corrects a Class I environmental violation by replacing a non-compliant boiler with a maximum capacity 36,400 KH of steam generating capacity. (Current mission.)</p> <p>REQUIREMENT: Sufficient steam generating capacity to meet current peak demands of 72,600 Kh. Rhode Island Department of Environmental Management (RIDEM) Air Pollution Control Regulation No. 27, based on EPA Clean Air Act Amendments of 1990, established new air quality standards. The addition of a maximum of 36,400 Kh of steam generating capacity at BP7 is required to replace capacity at BP86, the operation of which is in violation of RIDEM/EPA regulations. This is a Class I environmental violation.</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62661 NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND		
4. Project Title BOILER PLANT MODIFICATIONS	7. Project Number P-406	

(...continued)

Newport has entered into a consent agreement with the State of Rhode Island which requires BP86 to cease operations no later than 31 December 2002. Therefore, construction to provide the increased steam capacity must begin no later than Fiscal Year 1999 in order to comply. The existing boiler controls will be altered to satisfy all requirements for a single plant operation. As BP86 currently operates as a valving station by distributing incoming steam from BP7 to various parts of Coaster Harbor Island at reduced pressures, installation of a pressure valving station and a condensate receiver/valve house is required.

CURRENT SITUATION:

Current peak steam demand exceeds 72,600 Kh. Individual steam generating capacity at BP7 and BP86 makes it necessary to operate both boilers during peak demand periods. Currently, neither boiler plant meets RIDEM/EPA regulations for air standards. BP7, the newer, more efficient and more centrally located plant, is currently being modified to comply.

IMPACT IF NOT PROVIDED:

NETC will continue to operate non-compliant boilers in violation of RIDEM and EPA air quality standards and in violation of a consent agreement subjecting the Navy to potential legal action by the regulating authorities. Additionally, consent agreement requires BP86 to be shutdown by 31 December 2002. Without this project, the Newport Naval Complex will not be able to meet peak steam demands and will be subject to fines and legal actions.

12. Supplemental Data:

A. **Estimated Design Data:** (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) **Status:**

(A) Date Design Started.....	01/97
(B) Date Design 35% Complete.....	08/97
(C) Date Design Complete.....	08/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	50%

(2) **Basis:**

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) **Total Cost (C) = (A) + (B) Or (D) + (E):**

(A) Production of Plans and Specifications..... (350)

Installation POC: Capt Jon Wyman, Phone: (401) 841-3841

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1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98								
3. Installation and Location/UIC: N62661 NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND										
4. Project Title BOILER PLANT MODIFICATIONS	7. Project Number P-406									
<p><i>(...continued)</i></p> <table> <tr> <td>(B) All Other Design Costs.....</td> <td>(170)</td> </tr> <tr> <td>(C) Total.....</td> <td>520</td> </tr> <tr> <td>(D) Contract.....</td> <td>(450)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(70)</td> </tr> </table> <p>(4) Construction Start..... 11/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>			(B) All Other Design Costs.....	(170)	(C) Total.....	520	(D) Contract.....	(450)	(E) In-House.....	(70)
(B) All Other Design Costs.....	(170)									
(C) Total.....	520									
(D) Contract.....	(450)									
(E) In-House.....	(70)									
<p>Installation POC: Capt Jon Wyman, Phone: (401) 841-3841</p>										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM						2. Date 2/6/98
3. Installation and Location/UIC: N66604 NAVAL UNDERWATER SYSTEMS CENTER, NEWPORT, RHODE ISLAND			4. Command NAVAL SEA SYSTEMS COMMAND			5. Area Constr Cost Index 1.09	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	13	27	2,937	0	0	0	0	0	0	2,977
b. End FY 2004	16	33	3,415	0	0	0	0	0	0	3,464

7. INVENTORY DATA

a. TOTAL ACREAGE	(414)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										143,980
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										9,140
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										28,900
g. REMAINING DEFICIENCY.....										29,800
h. GRAND TOTAL.....										211,820

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost (\$000)	Design Status Start Complete
317.15 08/98	UNDERSEA WARFARE FACILITY	4,868 M2	9,140	01/97
	TOTAL		9,140	

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

315.20	FY02 - UNDERSEAS WEAPON SYS LAB	10,100	-	-
152.20	FY03 - SHORE BASED LAUNCH FAC	3,500	-	-
371.20	FY02 - TACTICAL SEAWATER SIMUL	15,300	-	-
	TOTAL	28,900		

c. Real Property Maintenance Backlog (\$000): \$18,970

10. Mission Or Major Functions:

The Naval Underwater System Center is the principal Navy RDT&E Center for underwater weapons systems. It plans and conducts programs of warfare and systems analysis, RDT&E, and Fleet support in underwater warfare weapons systems and components, undersea surveillance systems, submarine communications systems, navigation and related sciences and technology. The Newport Headquarters Laboratory performs a wide variety of functions ranging from exploratory research through the in-service engineering assistance of the Fleet throughout the life-cycle of these systems. This center also manages subsidiary laboratories including New London, CT, and AUTEC Test Ranges, Bahamas.

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N66604 NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND		4. Project Title UNDERSEA WARFARE FACILITY		
5. Program Element 0605896N	6. Category Code 317.15	7. Project Number P-030	8. Project Cost (\$000) 9,140	
9. COST ESTIMATES				
Item		U/M	Quantity	Unit Cost
UNDERSEA WARFARE FACILITY		M2	4,868	-
BUILDING		M2	4,868	1,182.00
BUILT-IN EQUIPMENT		LS	-	(5,750)
INFORMATION SYSTEMS		LS	-	(870)
TECHNICAL OPERATING MANUALS		LS	-	(70)
SUPPORTING FACILITIES		-	-	1,450
UTILITIES		LS	-	(400)
PAVING AND SITE IMPROVEMENTS		LS	-	(120)
DEMOLITION		LS	-	(930)
SUBTOTAL		-	-	-----
CONTINGENCY (5.0%)		-	-	8,210
TOTAL CONTRACT COST		-	-	410
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-----
TOTAL REQUEST		-	-	8,620
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	520
-----		-	-	-----
-----		-	-	9,140
-----		-	(NON-ADD)	(0)
10. Description of Proposed Construction				
Multi-story building, steel framing, concrete floors, masonry walls, brick siding, raised floors, membrane roofing, fire detection and sprinkler systems, freight and passenger elevators, utilities, and demolition of seven buildings.				
11. Requirement: <u>4,868 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2.</u>	
PROJECT:				
Constructs an Undersea Warfare Facility. (Current mission.)				
REQUIREMENT:				
Adequate and properly-configured facilities for simulation of readiness training, combat system acquisition testing, and research and development. Naval Undersea Warfare Center, Newport is the Navy's premiere research, development, test and evaluation (RDT&E) laboratory for submarine undersea warfare (USW) systems. It has the responsibility for developing training systems, undersea warfare systems acquisition, in-service engineering, testing, and research on new sensors, combat control systems, and weapons. Changes in the Navy's maritime strategy have shifted readiness emphasis from the anti-Soviet, deep-draft ocean threat to the Third World, littoral/ shallow water threat. This threat is more widely dispersed, less well understood and far more complex than the deep ocean threat. Third-World diesel electric submarines are equipped with first class				
<i>(Continued On DD 1391C...)</i>				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N66604 NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND		
4. Project Title UNDERSEA WARFARE FACILITY	7. Project Number P-030	

(...continued)

weapons systems readily available on the open arms market and have generated a formidable threat to U.S. undersea superiority. The Navy needs to be ready to deal with potential conflicts against these threats in unfamiliar and difficult littoral waters. To meet this challenge in a period of budget constraints, increased use of modeling and simulation is a must. For submarine warfare this can be accomplished by developing a "synthetic" battlespace as a substitute for live exercise components. Use of these simulations will reduce training costs while increasing exercise realism and stress. This project also supports joint Tri-Service initiatives in warfighting as a component of a joint synthetic battlespace.

CURRENT SITUATION:

Readiness and training exercises are now conducted in real undersea battlespaces provided by instrumented undersea ranges located off the coasts of the Bahamas, Southern California, and Hawaii. They require the involvement of the unit to be trained (one submarine), a representative threat (a second submarine), friendly forces (a surface combatant with helo support), and the realistic physical environment provided by the ranges. These exercises are costly and still do not provide the adequate training against the littoral shallow water threat described above. All of the existing USW support functions are decentralized in seven World War II facilities spread throughout the Newport site. The existing buildings are heated by direct steam terminal units, contain asbestos, have limited electrical power systems, inefficient layouts for computer applications and due to the age and condition of the buildings, a high maintenance cost. Because of their sprawling, horizontal layout, the buildings have little flexibility for adaptation to state of the art computational and data transfer systems required by synthetic battlespace host hardware. The dispersion of functions in several facilities does not allow for the synergy to be gained by collocating engineers and researchers in the same facility. It also does not support the new equipment needed for the synthetic battlespace to be used by all parties.

IMPACT IF NOT PROVIDED:

The synthetic undersea warfare battlespace to supplant live exercises in remote locations using actual submarines, underwater weapons, and aircraft at a much higher cost, will not be possible. The costly live readiness training exercises will continue to be conducted with their inherent drawbacks and limitations of not meeting the new threats facing today's Navy. Substantial benefits of facilities modernization and consolidation will not be achieved with respect to energy consumption, maintenance costs, and labor efficiency. Savings planned due to reduced personnel requirement will not be realized.

Installation POC: LCdr Brad Beisswanger, Phone: (401) 841-4117

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98
3. Installation and Location/UIC: N66604 NAVAL UNDERSEA WARFARE CENTER DIVISION, NEWPORT, RHODE ISLAND			
4. Project Title UNDERSEA WARFARE FACILITY	7. Project Number P-030		
(...continued)			
12. Supplemental Data:			
A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)			
(1) Status:			
(A) Date Design Started..... 01/97			
(B) Date Design 35% Complete..... 03/97			
(C) Date Design Complete..... 08/98			
(D) Percent Complete As Of September 1997..... 40%			
(E) Percent Complete As Of January 1998..... 60%			
(2) Basis:			
(A) Standard or Definitive Design: NO			
(B) Where Design Was Most Recently Used:			
(3) Total Cost (C) = (A) + (B) Or (D) + (E):			
(A) Production of Plans and Specifications..... (520)			
(B) All Other Design Costs..... (260)			
(C) Total..... 780			
(D) Contract..... (690)			
(E) In-House..... (90)			
(4) Construction Start..... 01/99			
B. Equipment associated with this project which will be provided from other appropriations: NONE.			
Installation POC: LCdr Brad Beisswanger, Phone: (401) 841-4117			

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA				4. Command COMMANDANT OF THE MARINE CORPS				5. Area Constr Cost Index 0.97		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	44	357	347	0	30	0	385	3,310	272	
44	332	350	0	30	0	378	3,086	272	4,492	
7. INVENTORY DATA										
a. TOTAL ACREAGE (12,798)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									161,650	
c. AUTHORIZATION NOT YET IN INVENTORY.....									0	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									1,770	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									8,400	
g. REMAINING DEFICIENCY.....									47,170	
h. GRAND TOTAL.....									218,990	
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title		Scope	Cost (\$000)	Design Status Start	Complete				
421.72 06/98	MISSILE MAGAZINES		511 m2	1,770	02/97					

TOTAL										1,770
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
143.45 217.10	FY02 - ARMORY FACILITY FY03 - COMM/ELEC MAINT SHOP			2,100 6,300	- -		-----			

TOTAL										8,400
c. Real Property Maintenance Backlog (\$000): \$30,139										
10. Mission Or Major Functions:										
To maintain and operate facilities and provide services and material to support operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations. Home of Marine Aircraft Group-31.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA		4. Project Title MISSILE MAGAZINES		
5. Program Element 0206496M	6. Category Code 421.72	7. Project Number P-385	8. Project Cost (\$000) 1,770	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
MISSILE MAGAZINES	m2	511	-	1,180
MAGAZINES	m2	511	1,768.00	(900)
MAGAZINE MODIFICATIONS	LS	-	-	(280)
SUPPORTING FACILITIES	-	-	-	410
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(140)
ELECTRICAL UTILITIES	LS	-	-	(40)
PAVING AND SITE IMPROVEMENT	LS	-	-	(230)
SUBTOTAL	-	-	-	1,590
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,670
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One earth-covered concrete box type "C" magazine, pile foundation and concrete floors, sliding steel door, soil stabilization, site drainage, installation of access driveways and vehicular operating concrete apron, interior lighting and provisions for intrusion detection system, lightning protection and electrical grounding systems, passive interior ventilation system, security fencing, lighting, and utilities; structural modifications to two magazines to widen doors from eight feet to 16 feet, demolition of blast walls, foundation modifications, new blast resistant doors, concrete aprons and sodding.

11. Requirement: 511 m2 Adequate: 0 m2 Substandard: (0) m2.

PROJECT:

Provides one new explosive ordnance storage magazine and renovates two existing ones. (Current mission.)

REQUIREMENT:

Adequate missile storage for 544 Sidewinder, HARM, and AMRAAM missiles.

CURRENT SITUATION:

There are three inadequate missile magazines at Beaufort. These magazines were designed for much smaller missiles and do not have sufficient door width nor the interior configuration required for manipulation of the larger missiles. Missile storage boxes (from 11 to 15 feet long) must be jockeyed, with a forklift, through eight foot door widths to be placed

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M60169 MARINE CORPS AIR STATION, BEAUFORT, SOUTH CAROLINA		
4. Project Title MISSILE MAGAZINES	7. Project Number P-385	

(...continued)

inside the magazines. As a result of these dimensional incompatibilities, missiles have been damaged. Only two of these missile magazines can be renovated to meet storage and loading requirements.

IMPACT IF NOT PROVIDED:

Without this project, this station will not have an adequate place to store these missiles. Station ordnance activity personnel will continue to "make-do" with existing conventional magazines. Unnecessary and unsafe manipulation of the missiles into conventional, but incompatible magazines will continue

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 02/97
- (B) Date Design 35% Complete..... 06/97
- (C) Date Design Complete..... 06/98
- (D) Percent Complete As Of September 1997..... 50%
- (E) Percent Complete As Of January 1998..... 60%

(2) Basis:

- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (110)
- (B) All Other Design Costs..... (50)
- (C) Total..... 160
- (D) Contract..... (140)
- (E) In-House..... (20)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCdr Joseph Angell, Phone: (803) 522-7072

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98
3. Installation and Location/UIC: N00193 NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA				4. Command NAVAL SEA SYSTEMS COMMAND				5. Area Constr Cost Index 0.88	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	269	3,063	2,995	116	0	0	0	230	0	6,673
b. End FY 2004	320	3,624	1,765	618	2,067	0	0	0	0	8,394

7. INVENTORY DATA

a. TOTAL ACREAGE	(17,456)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									299,100	
c. AUTHORIZATION NOT YET IN INVENTORY.....									0	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									9,737	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									0	
g. REMAINING DEFICIENCY.....									6,800	
h. GRAND TOTAL.....									315,637	

8. Projects Requested In This Program:

Category <u>Code</u>	Project Title	Scope	Cost	Design Status	
			<u>(\$000)</u>	<u>Start</u>	<u>Complete</u>
860.10 07/98	ORDNANCE RAILROAD RELGN	11,400 M	9,737	01/96	
	TOTAL		9,737		

9. Future Projects:

- a. Included In The Following Program (FY 2000):
NONE
- b. Major Planned Next Three Years:
NONE
- c. Real Property Maintenance Backlog (\$000): \$21,335

10. Mission Or Major Functions:

Receive, reissue, and maintain guided missiles, anti-submarine weapons conventional ammunition, and operate and maintain a family housing complex with community support facilities. Provide logistic and port terminal services in support of two ammunition ships (AE), one SSBN tender (AS), one floating dry dock (ARDM) and two moored training ships. POMFLANT Charleston.

11. Outstanding Pollution And Safety Deficiencies (\$000):

- a. Pollution Abatement (*): \$0
- b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N00193 NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA		4. Project Title ORDNANCE RAILROAD REALIGNMENT			
5. Program Element 0702096N	6. Category Code 860.10	7. Project Number P-914	8. Project Cost (\$000) 9,737		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
ORDNANCE RAILROAD REALIGNMENT		M	11,400	599.00	6,830
SUPPORTING FACILITIES		-	-	-	1,920
UTILITIES		LS	-	-	(600)
PAVING AND SITE IMPROVEMENTS		LS	-	-	(1,320)
SUBTOTAL		-	-	-	-----
CONTINGENCY (5.0%)		-	-	-	8,750
TOTAL CONTRACT COST		-	-	-	440
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	-----
TOTAL REQUEST		-	-	-	9,190
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	547
		-	-		-----
		-	-		9,737
		-	-		(0)
10. Description of Proposed Construction					
<p>Four ordnance railroad car holding yards, connecting rail, reinforced concrete rail head, interim storage site for loading and unloading explosive ordnance, and truck scale; includes turnouts, drainage, barricades, lighting, lightning protection, grounding, water main, fire hydrants, paving, site improvements and wetlands mitigation.</p>					
11. Requirement: <u>11,400 M</u>		Adequate: <u>0 M</u>	Substandard: <u>(0) M</u>		
<p>PROJECT: Provides one new barricaded and three unbarricaded rail car holding yards, connecting rail, an explosive ordnance loading and unloading site, a rail head, and truck scale. (Current mission.)</p> <p>REQUIREMENT: Adequate loaded railcar storage and handling space is required to process Marine Corps munitions without explosive safety waivers. NWS Charleston receives, stores, maintains, and supplies ammunition as required to service the Atlantic Fleet. It is also the sole ammunition servicing point for the Marine Corps prepositioning operation. This project will provide the storage and handling space to process the Marine Prepositioning Facility (MPF) ammunition from Blount Island, Florida in accordance with DoD Explosive Safety Board Criteria. The project will reduce the distances loaded vans must be moved by centrally locating the rail transfer site. The holding yards will enable the explosive laden railcars to be located at a safe explosive quantity distance from traffic routes, family housing concentrations, schools and administrative facilities. The project will eliminate the parking of explosive-laden cars on the main line, in front of magazines and double handling of</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00193 NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA		
4. Project Title ORDNANCE RAILROAD REALIGNMENT	7. Project Number P-914	

(...continued)

railcars to accommodate arrivals and departures. Finally, this project will provide a rail loop system permitting emergency access to the piers and it will totally eliminate all explosive waivers at the station and event waivers required for the Marine Corps prepositioned munition trains.

CURRENT SITUATION:

There are insufficient railroad facilities available for parking explosives-loaded railcars at the Weapons Station. Processing the Marine prepositioned munitions trains now cast explosive safety arcs exceeding the boundaries of the explosives handling area and creating a waiver situation. The explosive arc encompasses public traffic routes, schools, and administrative facilities. Presently the trains must park for a time on the main line, closing it to rail traffic, and double handling of railcars is required to accommodate arriving and departing munitions cars.

IMPACT IF NOT PROVIDED:

The Station will not be able to comply with the DoD Explosive Safety Board criteria and parking of explosive loaded railcars near public facilities will continue. The Station's ability to provide efficient processing for the Marine prepositioned munitions program will also continue.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 01/96
- (B) Date Design 35% Complete..... 03/96
- (C) Date Design Complete..... 07/98
- (D) Percent Complete As Of September 1997..... 100%
- (E) Percent Complete As Of January 1998..... 100%

(2) Basis:

- (A) Standard or Definitive Design: YES
- (B) Where Design Was Most Recently Used: dsgn/build

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (580)
- (B) All Other Design Costs..... (290)
- (C) Total..... 870
- (D) Contract..... (770)
- (E) In-House..... (100)

Installation POC: Cdr Andre Coleman, Phone: (803) 764-7991

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00193 NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA		
4. Project Title ORDNANCE RAILROAD REALIGNMENT	7. Project Number P-914	

(...continued)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Cdr Andre Coleman, Phone: (803) 764-7991

**DD Form 1 Dec 76 1391C As Submitted to Congress
February 1998**

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98
3. Installation and Location/UIC: M00263 MARCORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA				4. Command COMMANDANT OF THE MARINE CORPS				5. Area Constr Cost Index 0.87	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	0	0	0	0	0	0	0	0	0	0
b. End FY 2004	0	0	0	0	0	0	0	0	0	0

7. INVENTORY DATA

a. TOTAL ACREAGE	(8,080)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									126,210	
c. AUTHORIZATION NOT YET IN INVENTORY.....									0	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									7,960	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									11,509	
g. REMAINING DEFICIENCY.....									122,000	
h. GRAND TOTAL.....									267,679	

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost (\$000)	Design Status Start	Complete
722.10 12/98	WEAPONS BATTALION MESSHALL	2,880 m2	7,960	11/97	
	TOTAL		7,960		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

730.20	FY01 - MILITARY POLICE STATION	1,509	-	-
721.15	FY03 - FEMALE RECRUIT BARRACKS	10,000	-	-
	TOTAL	11,509		

c. Real Property Maintenance Backlog (\$000): \$20,463

10. Mission Or Major Functions:

To exercise operational control of enlisted recruiting operations in the 1st, 4th, and 6th Marine Districts through screening, evaluation, verification, and field supervision; to provide guidance and direction on quality control matters for all east coast enlisted accessions in accordance with standards established by CMC; to provide reception processing and recruit training for enlisted personnel upon their initial entry into the Marine Corps; to provide training of recruits; to conduct schools as directed; to provide rifle and pistol marksmanship training for Marines stationed in the southeast and for personnel of other services as requested; and to conduct training for reserve Marines as directed.

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98																																																																											
3. Installation and Location/UIC: M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		4. Project Title WEAPONS BATTALION MESSHALL																																																																													
5. Program Element 0805796M	6. Category Code 722.10	7. Project Number P-335	8. Project Cost (\$000) 7,960																																																																												
9. COST ESTIMATES																																																																															
<table border="1"> <thead> <tr> <th>Item</th> <th>U/M</th> <th>Quantity</th> <th>Unit Cost</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>WEAPONS BATTALION MESSHALL</td> <td>M2</td> <td>2,880</td> <td>-</td> <td>6,030</td> </tr> <tr> <td>WEAPONS BATTALION MESSHALL</td> <td>M2</td> <td>2,880</td> <td>2,058.00</td> <td>(5,930)</td> </tr> <tr> <td>TECHNICAL OPERATING MANUALS</td> <td>LS</td> <td>-</td> <td>-</td> <td>(100)</td> </tr> <tr> <td>SUPPORTING FACILITIES</td> <td>-</td> <td>-</td> <td>-</td> <td>1,120</td> </tr> <tr> <td>SPECIAL CONSTRUCTION FEATURES</td> <td>LS</td> <td>-</td> <td>-</td> <td>(740)</td> </tr> <tr> <td>ELECTRICAL AND MECHANICAL UTILITIES</td> <td>LS</td> <td>-</td> <td>-</td> <td>(160)</td> </tr> <tr> <td>PAVING AND SITE IMPROVEMENT</td> <td>LS</td> <td>-</td> <td>-</td> <td>(120)</td> </tr> <tr> <td>DEMOLITION</td> <td>LS</td> <td>-</td> <td>-</td> <td>(100)</td> </tr> <tr> <td>SUBTOTAL</td> <td>-</td> <td>-</td> <td>-</td> <td>7,150</td> </tr> <tr> <td>CONTINGENCY (5.0%)</td> <td>-</td> <td>-</td> <td>-</td> <td>360</td> </tr> <tr> <td>TOTAL CONTRACT COST</td> <td>-</td> <td>-</td> <td>-</td> <td>7,510</td> </tr> <tr> <td>SUPERVISION, INSPECTION, & OVERHEAD (6.0%)</td> <td>-</td> <td>-</td> <td>-</td> <td>450</td> </tr> <tr> <td>TOTAL REQUEST</td> <td>-</td> <td>-</td> <td>-</td> <td>7,960</td> </tr> <tr> <td>EQUIPMENT FROM OTHER APPROPRIATIONS</td> <td>-</td> <td>-</td> <td>(NON-ADD)</td> <td>(0)</td> </tr> </tbody> </table>		Item	U/M	Quantity	Unit Cost	Cost (\$000)	WEAPONS BATTALION MESSHALL	M2	2,880	-	6,030	WEAPONS BATTALION MESSHALL	M2	2,880	2,058.00	(5,930)	TECHNICAL OPERATING MANUALS	LS	-	-	(100)	SUPPORTING FACILITIES	-	-	-	1,120	SPECIAL CONSTRUCTION FEATURES	LS	-	-	(740)	ELECTRICAL AND MECHANICAL UTILITIES	LS	-	-	(160)	PAVING AND SITE IMPROVEMENT	LS	-	-	(120)	DEMOLITION	LS	-	-	(100)	SUBTOTAL	-	-	-	7,150	CONTINGENCY (5.0%)	-	-	-	360	TOTAL CONTRACT COST	-	-	-	7,510	SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	450	TOTAL REQUEST	-	-	-	7,960	EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)			
Item	U/M	Quantity	Unit Cost	Cost (\$000)																																																																											
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TOTAL REQUEST	-	-	-	7,960																																																																											
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)																																																																											
10. Description of Proposed Construction																																																																															
<p>Single story, reinforced concrete frame building on pile foundations with grade beam, brick veneered faced concrete masonry exterior walls, seismic construction, standing seam metal roof on steel truss system, insulated walls and ceilings, heating, air conditioning, and fire protection systems, built-in food service equipment, and utilities connections; demolition of one building.</p>																																																																															
11. Requirement: <u>2,880 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2</u>																																																																												
<p>PROJECT: Provides messing facilities. (Current mission.)</p> <p>REQUIREMENT: Adequate messing facilities for 1,758 personnel assigned to the Weapons Training Battalion area.</p> <p>CURRENT SITUATION: The current messhall was constructed in 1944 and is rated for 914 persons per meal. In order to accommodate seating for the peak training period of June through November, additional seating must be added to the messdeck. The inadequate capacity increases serving times and causes training time to be unnecessarily lost. The kitchen equipment is inadequate to meet the demand. The facility does not have the electrical capacity to support additional food service equipment and the kitchen cannot economically be</p>																																																																															
<i>(Continued On DD 1391C...)</i>																																																																															

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: M00263 MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, SOUTH CAROLINA		
4. Project Title WEAPONS BATTALION MESSHALL	7. Project Number P-335	

(...continued)

expanded for additional modern baking and food handling equipment. Menu selections are also limited due to the inadequacy of the facility.

IMPACT IF NOT PROVIDED:

The existing Weapons Training Battalion Messhall will be overused, kitchen equipment overtaxed, and additional valuable training will not be accomplished.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	11/97
(B) Date Design 35% Complete.....	03/98
(C) Date Design Complete.....	12/98
(D) Percent Complete As Of September 1997.....	0%
(E) Percent Complete As Of January 1998.....	15%

(2) Basis:

(A) Standard or Definitive Design: N
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(480)
(B) All Other Design Costs.....	(240)
(C) Total.....	720
(D) Contract.....	(640)
(E) In-House.....	(80)

(4) Construction Start..... 03/99

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCdr Jean Dumlao-Hurst, Phone: (803) 525-3527

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: N00178 NAVAL SURFACE WARFARE CEN, DAHLGREN DIV, DAHLGREN, VIRGINIA			4. Command SPACE AND NAVAL WARFARE SYSTEMS COMMAND			5. Area Constr Cost Index 0.92		

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	141	588	3,674	0	0	0	24	27	0	4,454
b. End FY 2004	157	500	3,543	0	0	0	24	59	0	4,283

7. INVENTORY DATA

a. TOTAL ACREAGE	(4,321)									
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										192,760
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										5,130
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										15,890
g. REMAINING DEFICIENCY.....										58,750
h. GRAND TOTAL.....										272,530

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost	Design Status	
			(\$000)	Start	Complete
310:33 08/98	WEAPONS SYS DEV LAB ADDN	1,872 m2	5,130	01/97	
	TOTAL		5,130		

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

740.43	FY02 - PHYSICAL FITNESS CENTER	3,390	-	-
317.25	FY03 - ELEC WARFARE INTEG FAC	8,200	-	-
315.30	FY03 - WPNS SYS LAB ADDN	4,300	-	-
	TOTAL	15,890		

c. Real Property Maintenance Backlog (\$000): \$16,323

10. Mission Or Major Functions:

To maintain the primary inhouse research and development capability for electronic warfare systems, subsystems, and technology, including strategic systems support such as FBM targeting analysis, guidance computer programs, digital fire control program and geoballistics. Other research efforts consist of, but are not limited to, weapon system safety, chemical/biological warfare defense, tactical intelligence support systems, weapon ballistics, and satellite geodesy.

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98																																																																												
3. Installation and Location/UIC: N00178 NAVAL SURFACE WARFARE CENTER, DAHlgren DIVISION, DAHlgren, VIRGINIA		4. Project Title WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION																																																																														
5. Program Element 0605896N	6. Category Code 310.33	7. Project Number P-255	8. Project Cost (\$000) 5,130																																																																													
9. COST ESTIMATES																																																																																
<table border="1"> <thead> <tr> <th>Item</th> <th>U/M</th> <th>Quantity</th> <th>Unit Cost</th> <th>Cost (\$000)</th> </tr> </thead> <tbody> <tr> <td>WEAPONS SYSTEM DEVELOPMENT LABORATORY ADD'N</td> <td>m2</td> <td>1,872</td> <td>-</td> <td>3,600</td> </tr> <tr> <td>BUILDING</td> <td>m2</td> <td>1,872</td> <td>1,380.00</td> <td>(2,580)</td> </tr> <tr> <td>BUILT-IN EQUIPMENT</td> <td>LS</td> <td>-</td> <td>-</td> <td>(600)</td> </tr> <tr> <td>TECHNICAL OPERATING MANUALS</td> <td>LS</td> <td>-</td> <td>-</td> <td>(80)</td> </tr> <tr> <td>INFORMATION SYSTEMS</td> <td>LS</td> <td>-</td> <td>-</td> <td>(340)</td> </tr> <tr> <td>SUPPORTING FACILITIES</td> <td>-</td> <td>-</td> <td>-</td> <td>1,010</td> </tr> <tr> <td>UTILITIES</td> <td>LS</td> <td>-</td> <td>-</td> <td>(510)</td> </tr> <tr> <td>PAVING AND SITE IMPROVEMENT</td> <td>LS</td> <td>-</td> <td>-</td> <td>(500)</td> </tr> <tr> <td>SUBTOTAL</td> <td>-</td> <td>-</td> <td>-</td> <td>4,610</td> </tr> <tr> <td>CONTINGENCY (5.0%)</td> <td>-</td> <td>-</td> <td>-</td> <td>230</td> </tr> <tr> <td>TOTAL CONTRACT COST</td> <td>-</td> <td>-</td> <td>-</td> <td>4,840</td> </tr> <tr> <td>SUPERVISION, INSPECTION, & OVERHEAD (6.0%)</td> <td>-</td> <td>-</td> <td>-</td> <td>290</td> </tr> <tr> <td>TOTAL REQUEST</td> <td>-</td> <td>-</td> <td>-</td> <td>5,130</td> </tr> <tr> <td>EQUIPMENT FROM OTHER APPROPRIATIONS</td> <td>-</td> <td>-</td> <td>(NON-ADD)</td> <td>(21,000)</td> </tr> </tbody> </table>		Item	U/M	Quantity	Unit Cost	Cost (\$000)	WEAPONS SYSTEM DEVELOPMENT LABORATORY ADD'N	m2	1,872	-	3,600	BUILDING	m2	1,872	1,380.00	(2,580)	BUILT-IN EQUIPMENT	LS	-	-	(600)	TECHNICAL OPERATING MANUALS	LS	-	-	(80)	INFORMATION SYSTEMS	LS	-	-	(340)	SUPPORTING FACILITIES	-	-	-	1,010	UTILITIES	LS	-	-	(510)	PAVING AND SITE IMPROVEMENT	LS	-	-	(500)	SUBTOTAL	-	-	-	4,610	CONTINGENCY (5.0%)	-	-	-	230	TOTAL CONTRACT COST	-	-	-	4,840	SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	290	TOTAL REQUEST	-	-	-	5,130	EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(21,000)	U/M	Quantity	Unit Cost	Cost (\$000)
Item	U/M	Quantity	Unit Cost	Cost (\$000)																																																																												
WEAPONS SYSTEM DEVELOPMENT LABORATORY ADD'N	m2	1,872	-	3,600																																																																												
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EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(21,000)																																																																												
10. Description of Proposed Construction																																																																																
<p>Two-story, steel-frame building addition; sensitive compartmented information facility (SCIF) construction; technical operating manuals, fire protection system, utilities, paving and site improvements.</p>																																																																																
11. Requirement: <u>1,872 m2</u>		Adequate: <u>0 m2</u>	Substandard: <u>(0) m2.</u>																																																																													
<p>PROJECT: Constructs an addition to an existing building. (Current mission.)</p> <p>REQUIREMENT: Adequate facilities for engineering and operational system software/data preparation in support of expanded mission associated with the TOMAHAWK Weapon System and the Shipboard Unmanned Aerial Vehicle (UAV). Dahlgren's mission is to provide full-spectrum research, development, test and evaluation and software life-cycle support to the TOMAHAWK and the UAV. It performs software design, development, life-cycle support, and is the single location where the entire TOMAHAWK Weapon System is integrated and validated before deployment to the Fleet. It also provides help with operational problems, data and software to support fleet exercises, and fleet training. For the UAV program, it has developed a prototype shipboard planning and control system for initial deployment in FY 2002. This project will enable this center to fulfill these evolving roles.</p> <p>CURRENT SITUATION:</p>																																																																																
<i>(Continued On DD 1391C...)</i>																																																																																

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00178 NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION, DAHLGREN, VIRGINIA		
4. Project Title WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION	7. Project Number P-255	

(...continued)

The existing facility used to conduct this program's support operations has reached capacity and has no room for expansion. In FY1995, Dahlgren supported three land-based fleet sites and 55 TOMAHAWK capable surface ships. By the year 2002, the numbers will be five land-based sites, 86 surface ships, 20 submarines, 12 ships with the Afloat Mission Planning Systems, 10 allied submarines, 12 carriers and an undetermined number of surface ships carrying the UAV system and a yet unspecified number of 21st Century ships carrying the TOMAHAWK Weapon System. In preparation for the ongoing increased workload, NSWC will be receiving \$21M worth of equipment to develop and support all the baselines and configurations needed for the increased number of TOMAHAWK and UAV capable ships and shore sites. There are no adequate facilities available to accommodate the equipment and provide for total system integration and for future system integration responsibilities.

IMPACT IF NOT PROVIDED:

Without this project, the Navy's in-house capability to assess fleet Tomahawk Weapon System related problems and many evolving weapon system matters which influence system acquisition, system usage preparation, and operational usage and implementation would not be realized. The sensitive computer equipment that is being procured will not have a place to be installed or used. The Fleet, as well as other U.S. services and allied countries are expecting scheduled system deliveries that could be delayed without this project

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 01/97
- (B) Date Design 35% Complete..... 03/97
- (C) Date Design Complete..... 08/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 60%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (300)
- (B) All Other Design Costs..... (150)

Installation POC: Cdr Stephen Eckel, Phone: (703) 663-8521

DD Form 1391C As Submitted to Congress
1 Dec 76 **February 1998**

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00178 NAVAL SURFACE WARFARE CENTER, DAHLGREN DIVISION, DAHLGREN, VIRGINIA		
4. Project Title WEAPONS SYSTEM DEVELOPMENT LABORATORY ADDITION	7. Project Number P-255	

(...continued)

(C) Total.....	450
(D) Contract.....	(410)
(E) In-House.....	(40)
(4) Construction Start..... 01/99	

B. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Appropriated Or Requested	Fiscal Year Cost (\$000)
TOMAHAWK MISSION PLANNING	OPN	2000	1,500
TOMAHAWK MISSION PLANNING	WPN	2000	1,500
TOMAHAWK MISSION PLANNING	RDT&E	2000	1,500
TOMAHAWK WEAPON CONTROL	OPN	2000	5,100
TOMAHAWK WEAPON CONTROL	RDT&E	2000	3,400
TOMAHAWK WEAPON CONTROL	O&M, N	2000	2,900
TOMAHAWK WEAPON CONTROL	FMS	2000	2,400
UNMANNED AERIAL VEHICLE	RDT&E	2000	1,900
UNMANNED AERIAL VEHICLE	O&M, N	2001	800
TOTAL			21,000

Installation POC: Cdr Stephen Eckel, Phone: (703) 663-8521

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N53989 NAVAL TACTICAL TRAINING GROUP, DAM NECK, VIRGINIA				4. Command COMMANDER IN CHIEF ATLANTIC FLEET				5. Area Constr Cost Index 0.91			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	263	2,237	731	188	838	0	170	321	0		
									4,748		
									5,210		
7. INVENTORY DATA											
a. TOTAL ACREAGE	(0)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....	0										
c. AUTHORIZATION NOT YET IN INVENTORY.....	0										
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	2,430										
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	0										
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	0										
g. REMAINING DEFICIENCY.....	0										
h. GRAND TOTAL.....	2,430										
8. Projects Requested In This Program:											
Category <u>Code</u>	Project Title	Scope	Cost (\$000)	Design Status Start	Complete						
171.35 04/98	TRAINING BUILDING ADDITION	1,385 M2	2,430	07/97							

TOTAL 2,430											
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
NONE											
b. Major Planned Next Three Years:											
NONE											
c. Real Property Maintenance Backlog (\$000): \$ 24,334											
10. Mission Or Major Functions:											
Provide training in operation and employment of specified tactical combat direction and control systems in naval warfare; support operational commanders in evaluation, development, and analysis of naval warfare doctrines and tactics. Navy Marine Corps Intelligence Training Center Tactical Training Group, Atlantic Naval Ocean Processing Facility Guided Missile School Fleet Combat Systems Support Activity											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N53989 NAVY TACTICAL TRAINING GROUP, ATLANTIC, DAM NECK, VIRGINIA		4. Project Title TRAINING BUILDING ADDITION			
5. Program Element 0204633N	6. Category Code 171.35	7. Project Number P-946	8. Project Cost (\$000) 2,430		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
TRAINING BUILDING ADDITION		M2	1,385	1,200.00	1,660
SUPPORTING FACILITIES		-	-	-	520
SPECIAL CONSTRUCTION FEATURES		LS	-	-	(140)
ELECTRICAL UTILITIES		LS	-	-	(150)
MECHANICAL UTILITIES		LS	-	-	(50)
PAVING AND SITE IMPROVEMENTS		LS	-	-	(180)
SUBTOTAL		-	-	-	2,180
CONTINGENCY (5.0%)		-	-	-	110
TOTAL CONTRACT COST		-	-	-	2,290
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	140
TOTAL REQUEST		-	-	-	2,430
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
<p>Two-story, steel frame building addition with concrete pile foundation, block walls, concrete floor and roof slabs on metal deck with a modified bitumen membrane roof, air conditioning, utilities, parking, paving, site improvements.</p>					
11. Requirement: <u>1,385 M2</u>		Adequate: <u>0 M2</u>	Substandard: <u>(0) M2</u>		
<p>PROJECT: Constructs a building addition. (Current mission.)</p>					
<p>REQUIREMENT: Adequate facilities for hands-on mock-up and classroom training and office space. This activity's mission is to train tactical commanders, commanding officers, and their principal assistants in planning, executing, and evaluating fleet operations and exercises, including the evaluation of warfare commander tactics proficiency as directed by the fleet commander. It is the only school on the east coast that teaches combined Battle Group and Joint Tactics. This activity supports six courses of instruction, plus Battle Group Training courses, fleet training and additional training for the Atlantic Fleet. In order to accommodate all Battle Group organizations, six additional training modules are scheduled to be delivered to this activity.</p>					
<p>CURRENT SITUATION:</p>					
<i>(Continued On DD 1391C...)</i>					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N53989 NAVY TACTICAL TRAINING GROUP, ATLANTIC, DAM NECK, VIRGINIA		
4. Project Title TRAINING BUILDING ADDITION	7. Project Number P-946	

(...continued)

The existing facility does not provide enough space to accommodate additional personnel and equipment. Because of recent growth, the existing facility is already operating above design capacity. No adequate space exists to support the additional modules. Spaces previously intended to be lounges, maintenance areas, storage space, and hallways now function as office space.

IMPACT IF NOT PROVIDED:

Without this project, the six additional modules will not be able to adequately satisfy the 16 Battle Group organizations. The fleet will need to spend additional time training at sea in order to bring officers to the same level of competence.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	07/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	04/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	45%

(2) Basis:

(A) Standard or Definitive Design:	NO
(B) Where Design Was Most Recently Used:	

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(150)
(B) All Other Design Costs.....	(70)
(C) Total.....	220
(D) Contract.....	(190)
(E) In-House.....	(30)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Lt. Matthews, Phone: 757-433-7408

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N00189 FLEET INDUSTRIAL SUPPLY CENTER ANNEX, NORFOLK, VIRGINIA				4. Command NAVAL SUPPLY SYSTEMS COMMAND				5. Area Constr Cost Index 0.91		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	61	89	2,156	0	0	0	0	0	0	
										2,306
										2,230
7. INVENTORY DATA										
a. TOTAL ACREAGE (1,018)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										126,270
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										1,770
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										0
g. REMAINING DEFICIENCY.....										0
h. GRAND TOTAL.....										128,040
8. Projects Requested In This Program:										
Category <u>Code</u>	<u>Project Title</u>			<u>Scope</u>	<u>Cost</u> (\$000)	<u>Design</u>	<u>Status</u>			
730.10 06/98	FIRE STATION			660 M2	1,770	05/97				

TOTAL										1,770
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
NONE										
b. Major Planned Next Three Years:										
NONE										
c. Real Property Maintenance Backlog (\$000): \$31,729										
10. Mission Or Major Functions:										
Supply services for activities in the geographic area, overseas activities in the Atlantic and Mediterranean areas, and active fleet and reserve units including the Military Sealift Command and Coast Guard. Supply support for inert nuclear materials and services is provided to eastern continental Navy and Marine Corps units and the Atlantic Fleet. Other services include operating Department of Defense common-user ocean terminal and the Norfolk Air Terminal of the supply center, and serving as defense fuel support point for the Defense Logistics Agency bulk petroleum products, and as point for Navy Prepositioned War Reserve Material Stock.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00189 FLEET INDUSTRIAL SUPPLY CENTER, NORFOLK, VIRGINIA		4. Project Title FIRE STATION		
5. Program Element 0702896N	6. Category Code 730.10	7. Project Number P-177	8. Project Cost (\$000) 1,770	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
FIRE STATION	M2	660	-	830
BUILDING	M2	660	1,210.00	(800)
INFORMATION SYSTEMS	LS	-	-	(30)
SUPPORTING FACILITIES	-	-	-	760
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(340)
UTILITIES	LS	-	-	(220)
PAVING, SITE IMPRVS, AND DEMOLITION	LS	-	-	(100)
DEMOLITION	LS	-	-	(100)
SUBTOTAL	-	-	-	1,590
CONTINGENCY (5.0%)	-	-	-	80
TOTAL CONTRACT COST	-	-	-	1,670
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	100
TOTAL REQUEST	-	-	-	1,770
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story steel frame concrete and masonry building with pile foundation, concrete floor, block walls, pitched shingle roof, air conditioning, information systems, emergency generator, utilities, paving, parking, site improvements, asbestos removal and disposal, demolition of two buildings.

11. Requirement: 660 M2 Adequate: 0 M2 Substandard: (0) M2.

PROJECT:

Construct a replacement fire station. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to provide fire protection, life rescue, hazardous material control, and mutual aid. The Defense Fuel Support Point (DFSP) Craney Island Fuel Depot is the largest Naval Fuel Depot in the United States. Over 25 million barrels per year of fuel are handled in serving the Navy, other military branches, and commercial customers. Because of the hazards associated with the transfer and storage of fuel, adequate fire fighting support is essential to the mission of Craney Island.

CURRENT SITUATION:

The existing fire station is a wood-frame structure constructed in 1943. Because of the current inefficient design, space is poorly utilized. The equipment floor is too small to house two pumper trucks and the reserve of fire extinguishers. Therefore, the fire extinguishers must be housed in a

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00189 FLEET INDUSTRIAL SUPPLY CENTER, NORFOLK, VIRGINIA		
4. Project Title FIRE STATION	7. Project Number P-177	

(...continued)

wooden building behind the fire station. The walls and ceilings are covered with cement asbestos hardboard on the interior while the exterior is covered with wood lap siding under cement asbestos shingles. The plumbing and electrical systems are original to the structure and have had subsequent new fixtures and devices installed. Overall, the building is antiquated and in poor condition.

IMPACT IF NOT PROVIDED:

Without this project, continued deterioration of the existing facility will result in condemnation and an inability to provide fire protection. Deterioration is progressing at an accelerated pace resulting in an urgent requirement for replacement.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	05/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	45%

(2) Basis:

(A) Standard or Definitive Design:	NO
(B) Where Design Was Most Recently Used:	

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(110)
(B) All Other Design Costs.....	(50)
(C) Total.....	160
(D) Contract.....	(20)
(E) In-House.....	(140)

(4) Construction Start..... 10/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: LCDR Cameron Manning, Phone: 757-444-4538

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N61797 FLEET TRAINING CENTER, NORFOLK, VIRGINIA				4. Command CHIEF OF NAVAL EDUCATION AND TRAINING				5. Area Constr Cost Index 0.91		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	46	597	41	155	2,800	0	0	0	0	
									3,648	
7. INVENTORY DATA										
a. TOTAL ACREAGE (0)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										39,440
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										5,700
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										0
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										0
g. REMAINING DEFICIENCY.....										0
h. GRAND TOTAL.....										45,140
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title	Scope	Cost (\$000)	Design Status <u>Start</u>	<u>Complete</u>					
171.20 06/98	ENG TRNG FAC ADDN & RENOV	3,570 m2	5,700	06/97						
TOTAL										5,700
9. Future Projects:										
a. Included In The Following Program (FY 2000): NONE										
b. Major Planned Next Three Years: NONE										
c. Real Property Maintenance Backlog (\$000): \$5,434										
10. Mission Or Major Functions: Develop and provide training in the operation and maintenance of shipboard systems. Courses include communication, navigation, electrical, electronic, mechanical, propulsion, damage control and fire fighting.										
11. Outstanding Pollution And Safety Deficiencies (\$000): a. Pollution Abatement (*): \$0 b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N61797 FLEET TRAINING CENTER, NORFOLK, VIRGINIA		4. Project Title ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION		
5. Program Element 0805796N	6. Category Code 171.20	7. Project Number P-179	8. Project Cost (\$000) 5,700	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
ENGINEERING TRAINING FACILITY ADDN & RENOV	m2	3,570	-	3,530
BUILDING ADDITION	m2	3,200	1,021.00	(3,270)
BUILDING RENOVATIONS	m2	370	510.00	(190)
TECHNICAL OPERATING MANUALS	LS	-	-	(70)
SUPPORTING FACILITIES	-	-	-	1,590
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(300)
UTILITIES	LS	-	-	(450)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(110)
DEMOLITION	LS	-	-	(230)
ASBESTOS REMOVAL	LS	-	-	(500)
 SUBTOTAL	-	-	-	5,120
CONTINGENCY (5.0%)	-	-	-	260
 TOTAL CONTRACT COST	-	-	-	5,380
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	320
 TOTAL REQUEST	-	-	-	5,700
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Three-story, steel-frame building addition, pile foundations, insulated masonry exterior walls, brick veneer, concrete on metal deck floors and roof with modified bitumen roofing; interior metal stud partitions, plumbing, fire alarm, compressed air, sprinkler, 400 Hz and DC power, electronic equipment grounding system, freon detection system, air conditioning, site improvements, connections to basewide utility systems; renovate interior space including plumbing, sound dampening, steam, ventilation, and power; utilities and demolition of three buildings.

11. Requirement: 3,570 m² Adequate: 0 m² Substandard: (95) m².

PROJECT:

Provides renovations and constructs an addition to the engineering training facility. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to train students assigned to the Atlantic Fleet in the operation and maintenance of the shipboard engineering systems. The Engineering Department maintains an average-on-board (AOB) of 411 students. Affected ships systems associated with this project include automatic boiler controls, electrical auxiliary, hydraulics, and air conditioning and refrigeration. Large training mock-

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N61797 FLEET TRAINING CENTER, NORFOLK, VIRGINIA		
4. Project Title ENGINEERING TRAINING FACILITY ADDITION AND RENOVATION	7. Project Number P-179	

(...continued)

ups include electrical rewind machines, walk-in refrigerators, air compressors, welding and ships navigational systems.

CURRENT SITUATION:

The existing facilities are 50 years old, deteriorated, and beyond economical repair. There are stress and settling cracks on interior and exterior walls, the roofing system is blistering, and the steel windows are old, deteriorated, and not energy efficient. The subpanels are outdated with replacement parts difficult to obtain. Asbestos insulation needs to be removed, and there is extensive termite damage.

IMPACT IF NOT PROVIDED:

Without this project, the deterioration of the existing facilities will accelerate with age, causing interruptions of training and ultimately affecting the command's mission to provide the Fleet with qualified personnel.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	06/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	06/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	45%

(2) Basis:

(A) Standard or Definitive Design:	NO
(B) Where Design Was Most Recently Used:	

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(350)
(B) All Other Design Costs.....	(170)
(C) Total.....	520
(D) Contract.....	(460)
(E) In-House.....	(60)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Lt Gordon Fox, Phone: (757) 445-1996

DD Form 1391C As Submitted to Congress
1 Dec 76 **February 1998**

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N62688 NAVAL STATION, NORFOLK, VIRGINIA				4. Command COMMANDER IN CHIEF, ATLANTIC FLEET				5. Area Constr Cost Index 0.91			
6. Personnel Strength		Permanent			Students		Supported			Total	
a. As Of 09/30/97	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
b. End FY 2004	3,450	42,549	8,239	17	114	0	194	357	0	54,920	
	3,064	41,713	9,079	20	169	0	194	357	0	54,596	
7. INVENTORY DATA											
a.	TOTAL ACREAGE		(76)								
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....				239,970						
c.	AUTHORIZATION NOT YET IN INVENTORY.....				0						
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....				32,030						
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....				13,500						
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....				70,070						
g.	REMAINING DEFICIENCY.....				381,300						
h.	GRAND TOTAL.....				736,870						
8. Projects Requested In This Program:											
Category <u>Code</u>	Project Title		Scope	Cost (\$000)	Design Status Start	Complete					
151.20 12/98	BERTHING PIER (PH I)		0 LS	32,030	06/97						
TOTAL		32,030									
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
151.20	BERTHING PIER (PH II)		13,500 - -								
TOTAL		13,500									
b. Major Planned Next Three Years:											
740.43	FY02 - WATERFRONT ATHLETIC CPX		9,070 - -								
151.20	FY03 - PIER 20 REPLACEMENT		45,000 - -								
812.30	FY01 - PIER ELECTRICAL UPGRADES		12,000 - -								
730.15	FY02 - BRIG RENOVATIONS		4,000 - -								
TOTAL		70,070									
c. Real Property Maintenance Backlog (\$000): \$178,902											
10. Mission Or Major Functions:											
Functions as the primary operating base of the Atlantic Fleet, homeport to over 80 ships, including aircraft carriers, surface escorts and other combatants, logistics support ships, and attack submarines. This station is the hub of the major Tidewater Logistics Complex of Hampton Roads, Portsmouth, Yorktown and Little Creek. Supporting the following activities: Amphibious Group Naval Air Station Cruiser-Destroyer Group Naval Aviation Depot (to be closed) Attack Submarine Squadrons Nuclear Weapons Training Center Fleet Training Center Navy Public Works Center Shore Intermediate Maintenance Activity Naval Supply Center Service Group											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98	
3. Installation and Location/UIC: N62688 NAVAL STATION, NORFOLK, VIRGINIA		4. Project Title BERTHING PIER (PHASE I)			
5. Program Element 0204796N	6. Category Code 151.20	7. Project Number P-355	8. Project Cost (\$000) Auth: 45,530 Appr: 32,030		
9. COST ESTIMATES					
Item		U/M	Quantity	Unit Cost	Cost (\$000)
BERTHING PIER		LS	-	-	25,550
PIER		m2	12,796	1,454.00	(18,610)
BUCKET DREDGING		m3	270,000	18.00	(4,860)
HYDRAULIC DREDGING		m3	400,000	5.00	(2,000)
TECHNICAL OPERATING MANUALS		LS	-	-	(80)
SUPPORTING FACILITIES		-	-	-	15,360
MARINE STRUCTURES		LS	-	-	(890)
ELECTRICAL UTILITIES		LS	-	-	(7,320)
MECHANICAL UTILITIES		LS	-	-	(3,130)
PAVING, SITE IMPRVS, AND DEMOLITION		LS	-	-	(4,020)
SUBTOTAL		-	-	-	40,910
CONTINGENCY (5.0%)		-	-	-	2,050
TOTAL CONTRACT COST		-	-	-	42,960
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)		-	-	-	2,570
TOTAL		-	-	-	45,530
LESS PHASE II FUNDING		-	-	-	(13,500)
TOTAL REQUEST		-	-	-	32,030
EQUIPMENT FROM OTHER APPROPRIATIONS		-	-	(NON-ADD)	(0)
10. Description of Proposed Construction					
Berthing pier, under deck utilidor, precast/prestressed cylindrical piling, precast concrete planks with concrete topping, utilities, fire alarm, dredging, and demolition of existing pier and piling.					
11. Requirement: <u>As Required.</u>		Adequate: <u>N/A.</u>		Substandard: <u>N/A.</u>	
PROJECT:					
Replaces an existing berthing pier. (Current mission.)					
REQUIREMENT:					
Adequate facilities to provide berthing to support a ship loading of 87 ships and to utilize ship nesting. This project will replace Pier 2 to provide the required berthing space with necessary utilities, deck space, deck loading, and appropriate pier-to-pier spacing.					
CURRENT SITUATION:					
Pier 2 is over 50 years old and was constructed as a supply pier with a transit shed. The pier is inadequate because of limited deck space and structural strength, which severely restricts mobile crane access to the pier and limits pierside operations. The current separation between piers					
(Continued On DD 1391C...)					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																				
3. Installation and Location/UIC: N62688 NAVAL STATION, NORFOLK, VIRGINIA																							
4. Project Title BERTHING PIER (PHASE I)		7. Project Number P-355																					
<p>(...continued)</p> <p>is inadequate to allow for nesting of ships or adequate tugboat access to properly and safely berth ships. The existing utilities are inadequate to accommodate current ship classes and meet environmental standards.</p> <p>IMPACT IF NOT PROVIDED:</p> <p>Without this project, Pier 2 will not be able to support berthing of current and future ship classes homeported at Norfolk. The lack of adequate berthing space is part of a cumulative impact that will prevent the station from supporting the homeported ships, increase fleet operational costs by requiring "steaming" in port because of a lack of utilities, and creating unsafe ship handling and berthing conditions.</p>																							
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr> <td>(A) Date Design Started.....</td> <td>06/97</td> </tr> <tr> <td>(B) Date Design 35% Complete.....</td> <td>09/97</td> </tr> <tr> <td>(C) Date Design Complete.....</td> <td>12/98</td> </tr> <tr> <td>(D) Percent Complete As Of September 1997.....</td> <td>35%</td> </tr> <tr> <td>(E) Percent Complete As Of January 1998.....</td> <td>45%</td> </tr> </table> <p>(2) Basis:</p> <p>(A) Standard or Definitive Design: NO</p> <p>(B) Where Design Was Most Recently Used:</p> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr> <td>(A) Production of Plans and Specifications.....</td> <td>(2,770)</td> </tr> <tr> <td>(B) All Other Design Costs.....</td> <td>(1,380)</td> </tr> <tr> <td>(C) Total.....</td> <td>4,150</td> </tr> <tr> <td>(D) Contract.....</td> <td>(3,690)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(460)</td> </tr> </table> <p>(4) Construction Start..... 02/99</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p> <p>Installation POC: LCDR David Phillips, Phone: (757) 444-2866</p>				(A) Date Design Started.....	06/97	(B) Date Design 35% Complete.....	09/97	(C) Date Design Complete.....	12/98	(D) Percent Complete As Of September 1997.....	35%	(E) Percent Complete As Of January 1998.....	45%	(A) Production of Plans and Specifications.....	(2,770)	(B) All Other Design Costs.....	(1,380)	(C) Total.....	4,150	(D) Contract.....	(3,690)	(E) In-House.....	(460)
(A) Date Design Started.....	06/97																						
(B) Date Design 35% Complete.....	09/97																						
(C) Date Design Complete.....	12/98																						
(D) Percent Complete As Of September 1997.....	35%																						
(E) Percent Complete As Of January 1998.....	45%																						
(A) Production of Plans and Specifications.....	(2,770)																						
(B) All Other Design Costs.....	(1,380)																						
(C) Total.....	4,150																						
(D) Contract.....	(3,690)																						
(E) In-House.....	(460)																						

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: N00181 NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA			4. Command NAVAL SEA SYSTEMS COMMAND				5. Area Constr Cost Index 0.91	

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	111	621	9,514	1	26	0	119	3,525	0	13,917
b. End FY 2004	133	762	9,863	0	0	0	150	6,123	0	17,031

7. INVENTORY DATA

a. TOTAL ACREAGE	(761)			
b. INVENTORY TOTAL AS OF 30 SEP 1997.....		213,390		
c. AUTHORIZATION NOT YET IN INVENTORY.....		0		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....		6,180		
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....		0		
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....		65,250		
g. REMAINING DEFICIENCY.....		66,500		
h. GRAND TOTAL.....		351,320		

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost	Design Status
			(\$000)	Start Complete
165.10 03/98	DREDGING	0 LS	6,180	01/97
	TOTAL		6,180	

9. Future Projects:

a. Included In The Following Program (FY 2000):

NONE

b. Major Planned Next Three Years:

740.74	FY02 - CHILD DEV CTR	4,700	-	-
750.20	FY01 - OUTDOOR PLAYING FIELDS	2,850	-	-
152.50	FY01 - WATERFRONT IMPROVEMENTS	17,300	-	-
721.11	FY02 - BEQ	25,900	-	-
721.11	FY01 - BEQ REPLACEMENT	14,500	-	-
	TOTAL	65,250		

c. Real Property Maintenance Backlog (\$000): \$283,708

10. Mission Or Major Functions:

Maintenance and overhaul of conventional and nuclear powered ships up to and including aircraft carriers, surface ships, and attack submarines. Logistic support provided includes conversion, overhaul, repair, alterations, and dry docking of surface ships and modern submarines. Provide support of air, anti-air, and anti-submarine warfare weapon systems.

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N00181 NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA		4. Project Title DREDGING		
5. Program Element 0702096N	6. Category Code 165.10	7. Project Number P-378	8. Project Cost (\$000) 6,180	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
DREDGING	LS	-	-	5,550
SUBTOTAL	-	-	-	5,550
CONTINGENCY (5.0%)	-	-	-	280
TOTAL CONTRACT COST	-	-	-	5,830
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	350
TOTAL REQUEST	-	-	-	6,180
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Dredge carrier wet slips and turning basin to 47 feet plus two feet (14.3 meters + 0.6 meters) overdepth mean low low depth; remove approximately 535,000 cubic meters of material and barge to the Craney Island disposal area.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Dredge carrier wet slips and turning basin. (Current mission.)

REQUIREMENT:

Adequate dredge depth to support industrial and ship operations in overhaul and repair of CVN ships. Existing carrier draft depths for CVN's in a fully downloaded configuration are increasing as ship and ordnance alterations are completed. An increase to the shipyard draft depth is essential to prevent CVN fouling of heat exchangers and condensers from ingestion of organic and inorganic material through sea chests in the bottom of the hull at the piers and turning basin.

CURRENT SITUATION:

Current depth at wet slips 3, 4, 5 and the turning basin is 40 feet (12.2 meters). The necessary clearance for diver safety and fouling prevention does not currently exist. Recent carrier availabilities have experienced condenser fouling during propulsion plant testing, leading to delays in their return to the fleet. Carrier work represents an average of 32% of this shipyard's workload through FY 2003 with a peak in FY 1999 of 42%.

IMPACT IF NOT PROVIDED:

Without this project, a \$1.8 million increase in the cost of carrier availabilities would be realized. Two million dollars would be required

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N00181 NORFOLK NAVAL SHIPYARD, PORTSMOUTH, VIRGINIA		
4. Project Title DREDGING	7. Project Number P-378	

(...continued)

for utility upgrades at the Naval Station, Norfolk, to handle the increased capacity. There will be continued fouling of condensers and clearance for diver safety will not be maintained

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	01/97
(B) Date Design 35% Complete.....	09/97
(C) Date Design Complete.....	03/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	50%

(2) Basis:

(A) Standard or Definitive Design: NO
(B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(370)
(B) All Other Design Costs.....	(190)
(C) Total.....	560
(D) Contract.....	(490)
(E) In-House.....	(70)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Cdr Stuart Perrit, Phone: (803) 522-7072

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY, PACIFIC, BANGOR, WASHINGTON				4. Command STRATEGIC SYSTEMS PROJECT OFFICE				5. Area Constr Cost Index 1.09		
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	13	108	173	0	0	0	0	0	0	
									294	
			13	109	175	0	0	0	0	297
7. INVENTORY DATA										
a. TOTAL ACREAGE (0)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									147,490	
c. AUTHORIZATION NOT YET IN INVENTORY.....									0	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									2,750	
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									4,500	
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									2,130	
g. REMAINING DEFICIENCY.....									22,350	
h. GRAND TOTAL.....									179,220	
8. Projects Requested In This Program:										
Category <u>Code</u>	Project Title	Scope	Cost (\$000)	Design Status Start	Complete					
143.47 05/98	SECURITY FACILITY UPGRADES	350 M2	2,750	12/96						
TOTAL										2,750
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
421.72	D5 MISSILE SUPPORT FAC		4,500	-	-					
TOTAL										4,500
b. Major Planned Next Three Years:										
152.10	FY01 - AMMUNITION WHARF		940	-	-					
932.20	FY02 - UTILS & SITE IMPVS (PH II)		1,190	-	-					
TOTAL										2,130
c. Real Property Maintenance Backlog (\$000): \$ 8430										
10. Mission Or Major Functions:										
Provide support on west coast for the operational TRIDENT system of submarines and long range missiles, including processing capability for assembly and disassembly of both explosive and non-explosive components of the TRIDENT II (D-5) missile.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON		4. Project Title SECURITY FACILITY UPGRADES		
5. Program Element 0101221N	6. Category Code 143.47	7. Project Number P-291	8. Project Cost (\$000) 2,750	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
SECURITY FACILITY UPGRADES				
REACTION FORCE FACILITY ADDITION	M2	350	-	2,280
GUARD TOWERS	M2	350	1,903.00	(670)
PERIMETER LIGHTING	LS	-	-	(590)
BALLISTIC BARRIERS	LS	-	-	(310)
PERIMETER VEHICLE BARRIERS	LS	-	-	(330)
SECURITY PATROL VEHICLE ACCESS IMPRS	LS	-	-	(190)
SUPPORTING FACILITIES	-	-	-	190
UTILITIES, PAVING, AND SITE IMPROVEMENT	LS	-	-	(190)
SUBTOTAL	-	-	-	2,470
CONTINGENCY (5.0%)	-	-	-	120
TOTAL CONTRACT COST	-	-	-	2,590
SUPERVISION, INSPECTION, & OVERHEAD (6.0%)	-	-	-	160
TOTAL REQUEST	-	-	-	2,750
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

One-story building addition, concrete foundation and floor slab; ballistic hardened exterior concrete walls and roof, fighting positions and perimeter parapet wall; garage addition; air conditioning, fire protection and alarm system, information systems; two 60' high, reinforced concrete guard towers, spread footings; utilities; perimeter lighting and vehicle barriers; armored protection for exposed electrical distribution system; reinforced concrete walls and graded berms; security patrol vehicle access improvements; paving and site improvements.

11. Requirement: 1,320 M2 Adequate: 970 M2 Substandard: (0) M2.

PROJECT:

Provides security facility upgrades. (Current mission.)

REQUIREMENT:

Adequate and properly-configured Marine Reaction Force facilities to support 78 Marines, 3 Light Armored Vehicles (LAV), and comply with DODINST C5210.41M physical security requirements. DODINST C5210.41M requires: small-arms hardened facilities; assessment capabilities of the entire perimeter of the Limited Area; perimeter lighting to illuminate the entire clear zone; the power distribution system hardened against small arms fire; vehicle barriers to prevent penetration of the perimeter; security forces to meet specified reaction times. This installation will be the only Navy west coast nuclear weapons capable storage site.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N63402 STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON		
4. Project Title SECURITY FACILITY UPGRADES	7. Project Number P-291	

(...continued)

CURRENT SITUATION:

The existing facility was designed to support 48 on-duty Marines and two LAVs. Due to increased storage and security requirements, the required complement has increased to 78 on-duty Marines. The existing facility is considered unsatisfactory from an operational, health, and safety standpoint. To support the current complement, the Marines must resort to "hot bunking," swapping bunks as the duty and sleep cycle rotates, eat in areas not meant for dining, and wait in line for the laundry equipment. Each Marine is on duty in the Limited Area (LA) for a 96 hour cycle during which one third of the time is spent in the LA performing security functions and the remaining two thirds of time is spent within the security facility also located within the LA. The time within the security facility is spent eating, sleeping, exercising, and on weapons preparation. The laundry facilities consist of one washer and one dryer for 78 Marines. Exercise facilities are located in the back of the existing LAV garage; however, the area must be vacated due to fumes resulting from periodic LAV operational readiness testing. Weapons preparation is accomplished in the small dining area due to space limitations. To alleviate the bunking conditions, some Marines have been moved into a missile magazine. However, these Marines must return to the security force facility for other personnel support functions. Additionally, numerous security deficiencies have been sited, such as areas of the limited area (LA) that are not visible from any of the four existing towers; perimeter lighting which does not illuminate the entire clear zone; no vehicle barriers on one side of the Limited Area perimeter, exposing this area to vehicle attack; and much of the power distribution system, including transformers and batteries located above ground and on the exterior of buildings, making it vulnerable to small arms fire. These deficiencies create unnecessary security risks.

IMPACT IF NOT PROVIDED:

Without this project, the security deficiencies will continue to exist, and personnel will continue to operate in cramped quarters, reducing their quality of life while on duty

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	12/96
(B) Date Design 35% Complete.....	03/97

Installation POC: Capt Glenn A. Cutler, Phone: (360) 396-4640

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
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3. Installation and Location/UIC: N63402

STRATEGIC WEAPONS FACILITY, PACIFIC BANGOR, WASHINGTON

4. Project Title SECURITY FACILITY UPGRADES	7. Project Number P-291
--	----------------------------

(...continued)

(C) Date Design Complete..... 05/98
 (D) Percent Complete As Of September 1997..... 45%
 (E) Percent Complete As Of January 1998..... 60%

(2) Basis:

(A) Standard or Definitive Design: NO
 (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(170)
(B) All Other Design Costs.....	(90)
(C) Total.....	260
(D) Contract.....	(230)
(E) In-House.....	(30)

(4) Construction Start..... 11/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Capt Glenn A. Cutler, Phone: (360) 396-4640

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98	
3. Installation and Location/UIC: N66691 NAVAL SUPPORT ACTIVITY, Souda Bay, Crete, Greece			4. Command COMMANDER IN CHIEF, U.S. NAVAL FORCES EUROPE			5. Area Constr Cost Index 0.83				
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
	25	311	70	0	0	0	38	214	0	
			0	0	0	40	212	0	658	
									631	
7. INVENTORY DATA										
a. TOTAL ACREAGE (101)										
b. INVENTORY TOTAL AS OF 30 SEP 1997.....										40,440
c. AUTHORIZATION NOT YET IN INVENTORY.....										0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										5,260
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....										6,300
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....										0
g. REMAINING DEFICIENCY.....										10,500
h. GRAND TOTAL.....										62,500
8. Projects Requested In This Program:										
Category <u>Code</u>	<u>Project Title</u>			<u>Scope</u>	<u>Cost</u> (\$000)	<u>Design</u>	<u>Status</u>			
721.12 05/98	BEQ			2,640 m2	5,260	Start 01/96	Complete			
TOTAL		5,260								
9. Future Projects:										
a. Included In The Following Program (FY 2000):										
141.40	BASE OPERATIONS FACILITIES				6,300	-	-			
TOTAL		6,300								
b. Major Planned Next Three Years:										
NONE										
c. Real Property Maintenance Backlog (\$000): \$1,919										
10. Mission Or Major Functions:										
Support reconnaissance and maritime patrol operations for the U.S. Navy. Support reconnaissance operations for the U.S. Air Force.										
11. Outstanding Pollution And Safety Deficiencies (\$000):										
a. Pollution Abatement (*): \$0										
b. Occupational Safety And Health (OSH) (#): \$0										

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N66691 NAVAL SUPPORT ACTIVITY, Souda Bay, Crete		4. Project Title BACHELOR ENLISTED QUARTERS		
5. Program Element 0204696N	6. Category Code 721.12	7. Project Number P-726	8. Project Cost (\$000) 5,260	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
BACHELOR ENLISTED QUARTERS	m2	2,640	-	3,580
BUILDING	m2	2,640	1,277.00	(3,370)
EMERGENCY GENERATOR	LS	-	-	(150)
INFORMATION SYSTEMS	LS	-	-	(10)
TECHNICAL OPERATING MANUALS	LS	-	-	(50)
SUPPORTING FACILITIES	-	-	-	1,120
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(400)
UTILITIES	LS	-	-	(170)
TEMPORARY TRAILERS	LS	-	-	(50)
PAVING AND SITE IMPROVEMENT	LS	-	-	(270)
DEMOLITION AND RELOCATION	LS	-	-	(230)
SUBTOTAL	-	-	-	4,700
CONTINGENCY (5.0%)	-	-	-	240
TOTAL CONTRACT COST	-	-	-	4,940
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	320
TOTAL REQUEST EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	5,260 (0)

10. Description of Proposed Construction

Two-story building, concrete frame, masonry walls, spread footing, concrete foundation and floor slabs; 40 modules with two private sleeping/living rooms, two walk-in closets, kitchenettes, service area, adjoining full semi-private bath, sound attenuation; laundry, vending, multi-purpose lounge/training/game/recreational rooms, housekeeping and storage; elevators, mechanical and utility rooms, fire detection, alarms, and automatic sprinkler system, air conditioning, information systems, emergency generators, temporary trailers, relocation of transportation maintenance functions/ equipments, technical operating manuals, utilities, paving, and site improvements. Demolition of one building. Intended Grade Mix: 40 E5-E6. Total: 40. Maximum Utilization by 80 E1-E4.

11. Requirement: 240 PN Adequate: 64 PN Substandard: (0) PN.

PROJECT:

Constructs a bachelor enlisted quarters in compliance with Department of Defense "1+1" criteria for permanent party personnel. (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to accommodate the increase of personnel assigned to this activity because of increased mission requirements.

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N66691 NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE		
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-726	

(...continued)

CURRENT SITUATION:

Existing facilities are inadequate because of age and do not meet current safety, health, and design criteria. The personnel increase at Souda Bay is due to the relocation of the reconnaissance mission from Athens to Souda Bay. Permanent party enlisted personnel increased from approximately 300 pre-1991 to 540. Most personnel are housed on the economy with a total of approximately 106 enlisted personnel berthed on base and the others bused to and from leased facilities to the workplace.

IMPACT IF NOT PROVIDED:

Without this project, personnel will continue to live in inadequate quarters which cannot accommodate the increase in personnel. Personnel will continue to be exposed to threat conditions while living on the economy as well as transiting to and from the base. In addition, increased maintenance and repair costs to keep structures in usable condition will continue, as well as continued expenditures of temporary living allowances and overseas housing allowance costs.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	01/96
(B) Date Design 35% Complete.....	04/96
(C) Date Design Complete.....	05/98
(D) Percent Complete As Of September 1997.....	40%
(E) Percent Complete As Of January 1998.....	60%

(2) Basis:

(A) Standard or Definitive Design: YES
(B) Where Design Was Most Recently Used: SOUDA BAY

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(240)
(B) All Other Design Costs.....	(120)
(C) Total.....	360
(D) Contract.....	(320)
(E) In-House.....	(40)

(4) Construction Start..... 11/98

Installation POC: LCdr David Weil, Phone: 011-30-821-63860X219

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98
3. Installation and Location/UIC: N66691 NAVAL SUPPORT ACTIVITY, SOUDA BAY, CRETE			
4. Project Title BACHELOR ENLISTED QUARTERS	7. Project Number P-726		

(...continued)

B. Equipment associated with this project which will be provided from other appropriations: NONE.

C. Real Property Maintenance (past two years) (\$000): 5,252

D. Future requirements for unaccompanied housing at this installation: 62 PN

Installation POC: LCdr David Weil, Phone: 011-30-821-63860X219

DD Form 1391C As Submitted to Congress
1 Dec 76
February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N61755 NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS				4. Command COMMANDER IN CHIEF PACIFIC FLEET				5. Area Constr Cost Index 2.01			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	428	3,366	2,145	0	0	0	70	829	0		6,838
	408	2,823	1,810	0	0	0	69	800	0	5,910	
7. INVENTORY DATA											
a.	TOTAL ACREAGE		(14,329)								
b.	INVENTORY TOTAL AS OF 30 SEP 1997.....									244,000	
c.	AUTHORIZATION NOT YET IN INVENTORY.....									0	
d.	AUTHORIZATION REQUESTED IN THIS PROGRAM.....									10,310	
e.	AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									0	
f.	PLANNED IN THE NEXT THREE PROGRAM YEARS.....									2,400	
g.	REMAINING DEFICIENCY.....									130,300	
h.	GRAND TOTAL.....									387,010	
8. Projects Requested In This Program:											
Category Code	Project Title		Scope	Cost (\$000)	Design Status Start	Complete					
159.64 06/98	WATERFRONT CONSOL FACS		0 LS	4,810	11/96						
143.25 12/97	SPECIAL WARFARE UNIT FAC		3,066 m2	5,500	05/97						
TOTAL											
10,310											
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
NONE											
b. Major Planned Next Three Years:											
721.11	FY02 - BEQ MODERNIZATION			2,400	-		-				
TOTAL											
2,400											
c. Real Property Maintenance Backlog (\$000): \$73,836											
10. Mission Or Major Functions:											
Provide shoreside logistics and maintenance support to Pacific Fleet and other U.S. and allied shipping. Homeport for submarine tender support submarines operating in the western Pacific and for MSC ships.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N61755 NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS		4. Project Title SPECIAL WARFARE UNIT FACILITY		
5. Program Element 0204796N	6. Category Code 143.25	7. Project Number P-415	8. Project Cost (\$000) 5,500	

9. COST ESTIMATES

Item	U/M	Quantity	Unit Cost	Cost (\$000)
SPECIAL WARFARE UNIT FACILITY	m2	3,066	1,367.00	4,190
SUPPORTING FACILITIES	-	-	-	720
UTILITIES, PAVING, AND SITE IMPROVEMENT	LS	-	-	(720)
SUBTOTAL	-	-	-	4,910
CONTINGENCY (5.0%)	-	-	-	250
TOTAL CONTRACT COST	-	-	-	5,160
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	340
TOTAL REQUEST	-	-	-	5,500
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)

10. Description of Proposed Construction

Renovates an existing reinforced concrete warehouse building; air conditioning; administration offices, fire protection system for entire building and alarm systems for the renovated spaces; water, sewer, electrical and telephone utility connections and upgrades, installation of concrete curbs, repair of existing paved parking areas, paving and site improvements.

11. Requirement: 3,066 m² Adequate: 0 m² Substandard: (0) m².

PROJECT:

Renovates an existing building to accommodate various functions of the Naval Special Warfare Unit One (NSWU-1). (Current mission.)

REQUIREMENT:

Adequate and properly-configured facility to house NSWU-1 being relocated from the "Victor" wharf area in compliance with Navy's plan to eliminate unneeded infrastructure.

CURRENT SITUATION:

Implementation of the Navy infrastructure consolidation plan for Guam requires relocation of NSWU-1 to "Sierra" Wharf. Functions to be relocated include the headquarters administration, operational storage, platoon storage, dive change/locker/shop, supply and tools facilities.

IMPACT IF NOT PROVIDED:

Navy's plan to consolidate footprint on Guam will not be achieved

(Continued On DD 1391C...)

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																						
3. Installation and Location/UIC: N61755 NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS																									
4. Project Title SPECIAL WARFARE UNIT FACILITY	7. Project Number P-415																								
(...continued)																									
12. Supplemental Data:																									
<p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr><td>(A) Date Design Started.....</td><td>05/97</td></tr> <tr><td>(B) Date Design 35% Complete.....</td><td>07/97</td></tr> <tr><td>(C) Date Design Complete.....</td><td>12/97</td></tr> <tr><td>(D) Percent Complete As Of September 1997.....</td><td>90%</td></tr> <tr><td>(E) Percent Complete As Of January 1998.....</td><td>100%</td></tr> </table> <p>(2) Basis:</p> <table> <tr><td>(A) Standard or Definitive Design: NO</td></tr> <tr><td>(B) Where Design Was Most Recently Used: N/A</td></tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr><td>(A) Production of Plans and Specifications.....</td><td>(303)</td></tr> <tr><td>(B) All Other Design Costs.....</td><td>(201)</td></tr> <tr><td>(C) Total.....</td><td>504</td></tr> <tr><td>(D) Contract.....</td><td>(448)</td></tr> <tr><td>(E) In-House.....</td><td>(56)</td></tr> </table> <p>(4) Construction Start..... 11/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>				(A) Date Design Started.....	05/97	(B) Date Design 35% Complete.....	07/97	(C) Date Design Complete.....	12/97	(D) Percent Complete As Of September 1997.....	90%	(E) Percent Complete As Of January 1998.....	100%	(A) Standard or Definitive Design: NO	(B) Where Design Was Most Recently Used: N/A	(A) Production of Plans and Specifications.....	(303)	(B) All Other Design Costs.....	(201)	(C) Total.....	504	(D) Contract.....	(448)	(E) In-House.....	(56)
(A) Date Design Started.....	05/97																								
(B) Date Design 35% Complete.....	07/97																								
(C) Date Design Complete.....	12/97																								
(D) Percent Complete As Of September 1997.....	90%																								
(E) Percent Complete As Of January 1998.....	100%																								
(A) Standard or Definitive Design: NO																									
(B) Where Design Was Most Recently Used: N/A																									
(A) Production of Plans and Specifications.....	(303)																								
(B) All Other Design Costs.....	(201)																								
(C) Total.....	504																								
(D) Contract.....	(448)																								
(E) In-House.....	(56)																								

Installation POC: J.F. Laygo, Phone: 011-671-339-4365

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N61755 NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS		4. Project Title WATERFRONT CONSOLIDATION FACILITIES		
5. Program Element 0204796N	6. Category Code 159.64	7. Project Number P-412	8. Project Cost (\$000) 4,810	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
WATERFRONT CONSOLIDATION FACILITIES	LS	-	-	3,720
PASS AND IDENTIFICATION OFFICE	M2	50	3,600.00	(180)
SENTRY BOOTHS	M2	24	5,417.00	(130)
SECURITY FENCE AND GATE	M	5,152	103.00	(530)
BUILDING RENOVATIONS	M2	1,410	640.00	(900)
WATERFRONT OPERATIONS	M2	3,122	436.00	(1,360)
BILGE OIL WASTE SYSTEM	LS	-	-	(560)
INFORMATION SYSTEMS	LS	-	-	(60)
SUPPORTING FACILITIES	-	-	-	580
UTILITIES	LS	-	-	(360)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(220)
SUBTOTAL	-	-	-	4,300
CONTINGENCY (5.0%)	-	-	-	220
TOTAL CONTRACT COST	-	-	-	4,520
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	290
TOTAL REQUEST	-	-	-	4,810
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. Description of Proposed Construction				
<p>Reinforced concrete and concrete masonry building for pass and identification office; toilets, air conditioning; fire alarm system, and four concrete reinforced sentry booths. Bilge oily waste treatment system (BOWTS) facility, reinforced concrete slab and berm and above-ground equalization tank with 189,000 liter capacity, sludge tank, sump tanks with 19,000 liter capacity each, chemical tanks, oil-water separator, compressed air system, and electrical utilities; technical operating manuals. Alters and renovates Building 3190 to create new offices; quarterdeck reception area, a command center-briefing room with wall-mounted wide screens, built-in work stations with telephone and computer connections, and a secure communications room; standardize all interior doors; install new furring with trim on existing walls to conceal exposed electrical conduits and outlets; replace suspended ceiling system; enclose existing, exposed, wall-mounted electrical panels, disconnect switches, and circuit breaker boxes; relocate exposed wall-mounted low voltage electrical transformers from the hallways to the electrical/mechanical room; repaint interior; upgrade and modify existing air conditioning system; install fire sprinkler system and upgrade existing fire alarm system for the building to support new interior building arrangement; upgrade exterior building finishes and appearance. Alters and renovates Building 3169 to a facility for Port Operations, Port Control and Ship Movement Office; renovate second floor offices and rest rooms; upgrade air conditioning system; construct lunch locker, shower and laundry rooms;</p>				
<i>(Continued On DD 1391C...)</i>				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N61755 NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS		
4. Project Title WATERFRONT CONSOLIDATION FACILITIES	7. Project Number P-412	

(...continued)

expand existing first floor restrooms; construct secure space for the Ship Movement Office; replace existing fire alarm system and provide a new fire alarm transmitter; alter existing fire sprinkler system; enclose outside emergency generator; construct roof-top port control platform and antenna mountings. Mechanical and electrical utilities, water, sewer; information systems, paving, and site improvements.

11. Requirement: As Required. Adequate: N/A. Substandard: N/A.

PROJECT:

Constructs waterfront consolidation facilities. (Current mission.)

REQUIREMENT:

In order to maintain Naval presence and support to the Fleet on Guam, while faced with budget driven down-sizing of several Naval activities over the past years, the Navy has developed a Guam long-range plan. This plan identifies several Navy-owned inland and waterfront areas which are excess to the Navy's needs and are currently being screened for conveyance to the Government of Guam (GOVGUAM). These include Victor and Uniform Wharves and adjacent lands and facilities, and the off-base Nimitz Hill, Commander, Naval Forces Marianas (COMNAVMARIANAS) Headquarters and surrounding lands. Facilities are required to relocate Port Operations, Port Control, and Ship Movement Office, and the BOWTS facility off Victor Wharf, to provide physical security for the remaining on-base, Navy-controlled areas and to establish a consolidated on-base COMNAVMARIANAS/NAVACTS Headquarters building allowing the off-base headquarters and office buildings and adjacent lands to be excessed. Adequate facilities are also required to accommodate the consolidated COMNAVMARIANAS Headquarters (combined COMNAVMARIANAS and NAVACTS organization) and spaces for the Port Operations, Port Control and Ship Movement Offices. A BOWTS facility is required to support port operations and provide for the proper disposal of shipboard bilge oily waste as required by the Clean Water Act.

CURRENT SITUATION:

The existing pass and identification building, sentry booths, security fencing, port operations facility, and BOWTS are located on or adjacent to Victor Wharf. COMNAVMARIANAS is located on Nimitz Hill. All these areas have been identified as excess to the Navy's needs and are being screened for GOVGUAM or other Federal use.

IMPACT IF NOT PROVIDED:

Consolidation and elimination of excess facilities and lands is necessary to achieve cost savings which can be realized by reducing infrastructure. Existing facilities will not be utilized efficiently. Retaining existing facilities within proposed commercial areas will hamper Naval operations,

Installation POC: J.F. Laygo, Phone: 011-671-339-4365

DD Form 1 Dec 76 1391C As Submitted to Congress
February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98																						
3. Installation and Location/UIC: N61755 NAVAL ACTIVITIES, GUAM, MARIANA ISLANDS																									
4. Project Title WATERFRONT CONSOLIDATION FACILITIES		7. Project Number P-412																							
<p>(...continued)</p> <p>as well as restrict economic development of these areas. Without the security fencing, pass and identification building, and sentry booths, unauthorized access to Navy property cannot be controlled. Without a replacement for BOWTS, the Navy will be unable to properly support port operations in Guam.</p>																									
<p>12. Supplemental Data:</p> <p>A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)</p> <p>(1) Status:</p> <table> <tr> <td>(A) Date Design Started.....</td> <td>11/96</td> </tr> <tr> <td>(B) Date Design 35% Complete.....</td> <td>09/97</td> </tr> <tr> <td>(C) Date Design Complete.....</td> <td>06/98</td> </tr> <tr> <td>(D) Percent Complete As Of September 1997.....</td> <td>35%</td> </tr> <tr> <td>(E) Percent Complete As Of January 1998.....</td> <td>50%</td> </tr> </table> <p>(2) Basis:</p> <table> <tr> <td>(A) Standard or Definitive Design: NO</td> </tr> <tr> <td>(B) Where Design Was Most Recently Used:</td> </tr> </table> <p>(3) Total Cost (C) = (A) + (B) Or (D) + (E):</p> <table> <tr> <td>(A) Production of Plans and Specifications.....</td> <td>(290)</td> </tr> <tr> <td>(B) All Other Design Costs.....</td> <td>(150)</td> </tr> <tr> <td>(C) Total.....</td> <td>440</td> </tr> <tr> <td>(D) Contract.....</td> <td>(390)</td> </tr> <tr> <td>(E) In-House.....</td> <td>(50)</td> </tr> </table> <p>(4) Construction Start..... 11/98</p> <p>B. Equipment associated with this project which will be provided from other appropriations: NONE.</p>				(A) Date Design Started.....	11/96	(B) Date Design 35% Complete.....	09/97	(C) Date Design Complete.....	06/98	(D) Percent Complete As Of September 1997.....	35%	(E) Percent Complete As Of January 1998.....	50%	(A) Standard or Definitive Design: NO	(B) Where Design Was Most Recently Used:	(A) Production of Plans and Specifications.....	(290)	(B) All Other Design Costs.....	(150)	(C) Total.....	440	(D) Contract.....	(390)	(E) In-House.....	(50)
(A) Date Design Started.....	11/96																								
(B) Date Design 35% Complete.....	09/97																								
(C) Date Design Complete.....	06/98																								
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Installation POC: J.F. Laygo, Phone: 011-671-339-4365

DD Form 1 Dec 76 1391C As Submitted to Congress

February 1998

Page No 205

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM								2. Date 2/6/98		
3. Installation and Location/UIC: N62588 NAVAL SUPPORT ACTIVITY, NAPLES, ITALY				4. Command COMMANDER IN CHIEF, U.S. NAVAL FORCES EUROPE				5. Area Constr Cost Index 1.28			
6. Personnel Strength a. As Of 09/30/97 b. End FY 2004	Permanent			Students			Supported			Total	
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian		
	598	2,294	1,754	0	0	0	6	113	0		4,765
7. INVENTORY DATA											
a. TOTAL ACREAGE (173)									107,250		
b. INVENTORY TOTAL AS OF 30 SEP 1997.....									0		
c. AUTHORIZATION NOT YET IN INVENTORY.....									18,270		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....									0		
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....									21,400		
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....									40,880		
g. REMAINING DEFICIENCY.....									187,800		
h. GRAND TOTAL.....											
8. Projects Requested In This Program:											
Category Code	Project Title		Scope	Cost (\$000)	Design Status						
219.10 04/98	NII PUBLIC WORKS FACS		6,612 m2	18,270	Start	Complete					
TOTAL											18,270
9. Future Projects:											
a. Included In The Following Program (FY 2000):											
NONE											
b. Major Planned Next Three Years:											
211.05	FY02 - MAINTENANCE HANGAR		9,400	-	-						
610.10	FY01 - ADMINISTRATIVE FACILITIES		12,000	-	-						
TOTAL											21,400
c. Real Property Maintenance Backlog (\$000): \$6,300											
10. Mission Or Major Functions:											
Support all Naval commands and organizations ashore in the Naples area, using mainly leased facilities in Agnano, Pinetemare and Bagnoli; and the military controlled compound at Capodichino Airport. Commands include Sixth Fleet task force commanders and staffs for: 1) combat support force (CTF-63), 2) ballistic missile submarine force (CTF-64), 3) area anti-submarine warfare force (CTF-66), 4) maritime surveillance and reconnaissance force (CTF-67), and 5) attack submarine force (CTF-69). Also supported is the Commander, Fleet Air Mediterranean staff, responsible for management of all Navy shore bases in the Mediterranean. U.S. personnel assigned to the Allied Forces, Southern Europe (AFSOUTH) NATO command in Naples are also a responsibility. Communications Station, Naval Hospital, fleet landing on Naples waterfront, leased family housing at Pinetemare and Sixth Fleet flagship at Gaeta are also supported.											
11. Outstanding Pollution And Safety Deficiencies (\$000):											
a. Pollution Abatement (*): \$0											
b. Occupational Safety And Health (OSH) (#): \$0											

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: N62588 NAVAL SUPPORT ACTIVITY, NAPLES, ITALY		4. Project Title NII PUBLIC WORKS FACILITIES		
5. Program Element 0204796N	6. Category Code 219.10	7. Project Number P-172	8. Project Cost (\$000) 18,270	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
NII PUBLIC WORKS FACILITIES	m2	6,612	-	13,870
PUBLIC WORKS SHOP	m2	4,514	1,279.00	(5,770)
PUBLIC WORKS OPERATIONS	m2	1,083	1,706.00	(1,850)
VEHICLE MAINTENENCE SHOP	m2	1,015	1,792.00	(1,820)
PASS AND IDENTIFICATION SECURITY FACS	LS	-	-	(850)
BUILDING MODIFICATIONS	LS	-	-	(880)
OFF BASE ACCESS IMPROVEMENTS	LS	-	-	(2,070)
INFORMATION SYSTEMS	LS	-	-	(480)
TECHNICAL OPERATING MANUALS	LS	-	-	(150)
SUPPORTING FACILITIES	-	-	-	2,470
SPECIAL CONSTRUCTION FEATURES	LS	-	-	(1,000)
ELECTRICAL UTILITIES	LS	-	-	(180)
MECHANICAL UTILITIES	LS	-	-	(270)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(640)
DEMOLITION	LS	-	-	(380)
SUBTOTAL	-	-	-	-
CONTINGENCY (5.0%)	-	-	-	16,340
	-	-	-	820
TOTAL CONTRACT COST	-	-	-	-
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	17,160
	-	-	-	1,110
TOTAL REQUEST	-	-	-	-
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	18,270
	-	-		(0)
10. Description of Proposed Construction				
<p>Two-story, concrete-frame building with basement, masonry walls, concrete foundations and floors, built-up roof on insulated metal deck and steel truss; provides public works shop space, motor vehicle maintenance shop, administrative space, storage and organizational vehicle parking space, rehabilitation of one building for hazardous material handling, motor pool space, fire protection system, fiber optics information systems, technical operating manuals, compressed air system, utilities; main road access improvements, pass and identification security facilities, temporary space for public works functions, off-base access improvements; designed to Seismic Zone 3; and demolition of four buildings.</p>				
11. Requirement: <u>6,612 m²</u>	Adequate: <u>0 m²</u>	Substandard: <u>(0) m²</u>		
PROJECT:				
<p>Constructs a public works shop and a hazardous materials handling facility to replace leased facilities in Agnano. (Current mission.)</p>				
REQUIREMENT:				
<i>(Continued On DD 1391C...)</i>				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62588 NAVAL SUPPORT ACTIVITY, NAPLES, ITALY		
4. Project Title NII PUBLIC WORKS FACILITIES	7. Project Number P-172	

(...continued)

Adequate public works and hazardous materials handling facilities which meet current standards and consolidate various public works functions in the Naples area in order to maintain a high-level of mission readiness, efficient operations, and support the Sixth Fleet in the Mediterranean. Hazardous material handling facilities which meet the current final governing standard for Italy are required. This facility is a critical element of the on-going Congressionally approved Naples Improvement Initiative (NII), and is required to move Navy personnel out of seismically inadequate structures located in the Agnano crater.

CURRENT SITUATION:

Existing facilities at Agnano are leased, unsafe, undersized, and inadequately configured for the mission they support. Past seismic activity has structurally weakened these facilities, and they have been determined to be subject to catastrophic failure if a severe seismic event occurs. The Congress approved NII is relocating all operational functions from Agnano to Capodichino, which will separate public works functions from the people they support. Existing facilities at Agnano are vulnerable to terrorist activity. The small public works facility at Capodichino was sized to support only a small number of buildings prior to NII. The major construction underway at Capodichino will require efficient public works operation, collocated with the customers they support.

IMPACT IF NOT PROVIDED:

Navy will not be able to move all the personnel out of the Agnano crater to comply with the agreement. Without this project, increased maintenance and repair costs will be incurred to keep structures in usable condition. Fragmented operations of public works increases operating costs as functions are relocated to Capodichino under NII. Risk of catastrophic failure from a seismic event, vulnerability to terrorist activity, and lower productivity due to inadequate facilities.

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

(A) Date Design Started.....	10/96
(B) Date Design 35% Complete.....	07/97
(C) Date Design Complete.....	04/98
(D) Percent Complete As Of September 1997.....	35%
(E) Percent Complete As Of January 1998.....	95%

Installation POC: Cdr James McConnell, Phone: 011-39-81-724-4370

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM	2. Date 2/6/98
3. Installation and Location/UIC: N62588 NAVAL SUPPORT ACTIVITY, NAPLES, ITALY		
4. Project Title NII PUBLIC WORKS FACILITIES	7. Project Number P-172	

(...continued)

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

(A) Production of Plans and Specifications.....	(950)
(B) All Other Design Costs.....	(785)
(C) Total.....	1,735
(D) Contract.....	(1,390)
(E) In-House.....	(345)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Cdr James McConnell, Phone: 011-39-81-724-4370

DD Form 1391C As Submitted to Congress
1 Dec 76 February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM							2. Date 2/6/98
3. Installation and Location/UIC: NL9282 JOINT MARITIME COMMUNICATIONS CENTER, ST MAWGAN, UNITED KINGDOM				4. Command COMMANDER IN CHIEF, ATLANTIC FLEET				5. Area Constr Cost Index 1.33

6. Personnel Strength	Permanent			Students			Supported			Total
	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	Officer	Enlisted	Civilian	
a. As Of 09/30/97	34	270	0	0	0	0	5	43	0	352
b. End FY 2004	39	404	0	0	0	0	8	61	0	512

7. INVENTORY DATA

a. TOTAL ACREAGE	(0)	
b. INVENTORY TOTAL AS OF 30 SEP 1997.....	.....	0
c. AUTHORIZATION NOT YET IN INVENTORY.....	.....	0
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....	.....	2,010
e. AUTHORIZATION INCLUDED IN THE FOLLOWING PROGRAM.....	.....	1,040
f. PLANNED IN THE NEXT THREE PROGRAM YEARS.....	.....	0
g. REMAINING DEFICIENCY.....	.....	10,100
h. GRAND TOTAL.....	.....	13,150

8. Projects Requested In This Program:

Category Code	Project Title	Scope	Cost (\$000)	Design Status Start Complete
740.88 09/98	EDUCATION CENTER ADDITION	827 m2	2,010	05/97
TOTAL				2,010

9. Future Projects:

a. Included In The Following Program (FY 2000):

750.20	PLAYING FIELDS	1,040	-	-
TOTAL				1,040

b. Major Planned Next Three Years:

NONE

c. Real Property Maintenance Backlog (\$000): \$402

10. Mission Or Major Functions:

North Atlantic forward operating base. Joint United States/United Kingdom maritime communications center.

11. Outstanding Pollution And Safety Deficiencies (\$000):

a. Pollution Abatement (*): \$0

b. Occupational Safety And Health (OSH) (#): \$0

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 2/6/98
3. Installation and Location/UIC: NL9282 JOINT MARITIME COMMUNICATIONS CENTER, ST. MAWGAN, UNITED KINGDOM		4. Project Title EDUCATION CENTER ADDITION		
5. Program Element 0204311N	6. Category Code 740.88	7. Project Number P-113	8. Project Cost (\$000) 2,010	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
EDUCATION CENTER	m2	827	1,670.00	1,380
SUPPORTING FACILITIES	-	-	-	420
UTILITIES	LS	-	-	(110)
PAVING AND SITE IMPROVEMENTS	LS	-	-	(310)
SUBTOTAL	-	-	-	1,800
CONTINGENCY (5.0%)	-	-	-	90
TOTAL CONTRACT COST	-	-	-	1,890
SUPERVISION, INSPECTION, & OVERHEAD (6.5%)	-	-	-	120
TOTAL REQUEST	-	-	-	2,010
EQUIPMENT FROM OTHER APPROPRIATIONS	-	-	(NON-ADD)	(0)
10. Description of Proposed Construction				
<p>One-story, steel-frame concrete and masonry building addition with concrete slab on grade, block walls with brick veneer, sloped insulated cement tile roof, fire protection system, utilities, site improvements, area lighting, and paving.</p>				
11. Requirement: <u>827 m2</u>	Adequate: <u>0 m2</u>	Substandard: <u>(0) m2</u>		
<p>PROJECT: Constructs an addition to the existing Royal Air Force (RAF) library/education center. (New mission.)</p>				
<p>REQUIREMENT: Adequate facility to support a new Navy mission as a participant in the Joint Maritime Facility that became operational in 1995, with 352 Naval personnel and 472 family members at RAF Station, St. Mawgan. In accordance with the Memorandum Of Understanding (MOU), the U.S. is responsible for the provision of personnel support facilities.</p>				
<p>CURRENT SITUATION: The existing RAF library/education center is inadequate to support the influx of US Navy personnel. With JMCC St. Mawgan being a remote overseas activity, personnel rely solely on the off-duty education services office for their continuing education pursuits. Adequate classroom space is not available, and therefore the number of classes offered is limited. The existing RAF library is too small to carry the volume of books needed to serve both American and British personnel.</p>				
<p>IMPACT IF NOT PROVIDED:</p>				
<i>(Continued On DD 1391C...)</i>				

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM		2. Date 2/6/98
3. Installation and Location/UIC: NL9282 JOINT MARITIME COMMUNICATIONS CENTER, ST. MAWGAN, UNITED KINGDOM			
4. Project Title EDUCATION CENTER ADDITION		7. Project Number P-113	
<p>(...continued)</p> <p>This activity is a remote overseas location. There are no educational services available in the surrounding community for the US Navy personnel and family members to pursue continuing education. If this facility is not provided the professional development and quality of life of the Navy personnel will be adversely impacted.</p>			

12. Supplemental Data:

A. Estimated Design Data: (Parametric estimates have been used to develop project costs. Project design conforms to Part II of Military Handbook 1190, Facility Planning and Design guide)

(1) Status:

- (A) Date Design Started..... 05/97
- (B) Date Design 35% Complete..... 09/97
- (C) Date Design Complete..... 09/98
- (D) Percent Complete As Of September 1997..... 35%
- (E) Percent Complete As Of January 1998..... 45%

(2) Basis:

- (A) Standard or Definitive Design: NO
- (B) Where Design Was Most Recently Used:

(3) Total Cost (C) = (A) + (B) Or (D) + (E):

- (A) Production of Plans and Specifications..... (120)
- (B) All Other Design Costs..... (60)
- (C) Total..... 180
- (D) Contract..... (160)
- (E) In-House..... (20)

(4) Construction Start..... 12/98

B. Equipment associated with this project which will be provided from other appropriations: NONE.

Installation POC: Lt Diana Stone, Phone: 011-441-637-872-201X7531

1. Component «BB1»	FY «DDFY» MILITARY CONSTRUCTION PROGRAM		2. Date «BB2»
3. Installation and Location/UIC: «UIC» «BB3A» «BB3B»	4. Command «BB4»		5. Area Constr Cost Index «BB5»

DD Form 1 Dec 76 1390 **As Submitted to Congress**
February 1998

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 02/06/98	
3. Installation and Location/UIC: NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS		4. Project Title UNSPECIFIED MINOR CONSTRUCTION - PBD 315			
5. Program Element 0901211N	6. Category Code 020.00	7. Project Number VARIOUS	8. Project Cost (\$000) 8,900		
9. COST ESTIMATES					
Item UNSPECIFIED MINOR CONSTRUCTION TOTAL REQUEST		U/M LS -	Quantity - -	Unit Cost - -	Cost (\$000) 8,900 8,900
10. Description of Proposed Construction Projects authorized by Title 10 USC 2805 not otherwise authorized by law (except family housing) having an approved cost of \$1,500,000 or less, including construction, alteration, or conversion of permanent or temporary facilities. Projects intended solely to correct a deficiency that is life-threatening, health-threatening, or safety-threatening, may have an approved cost equal to or less than \$3,000,000. Total request includes funds for supervision, inspection, and overhead.					
11. Requirement: VARIES. Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of \$1,500,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.					

1. Component NAVY	FY 1999 MILITARY CONSTRUCTION PROGRAM			2. Date 02/06/98
3. Installation and Location/UIC: NAVAL AND MARINE CORPS INSTALLATIONS VARIOUS LOCATIONS		4. Project Title A & E SERVICES AND CONSTRUCTION DESIGN - PBD 314		
5. Program Element 0901211N	6. Category Code 010.00	7. Project Number VARIOUS	8. Project Cost (\$000) 58,346	
9. COST ESTIMATES				
Item	U/M	Quantity	Unit Cost	Cost (\$000)
A&E SERVICES AND CONSTRUCTION DESIGN TOTAL REQUEST	LS -	-	-	58,346
10. Description of Proposed Construction Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundation exploration, will be undertaken as necessary.				
11. Requirement: VARIES. All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. These costs for architectural and engineering services and construction design are not provided for in the construction project cost estimates.				

**DEPARTMENT OF THE NAVY
MILITARY FAMILY HOUSING
CONGRESSIONAL BUDGET SUBMISSION
FISCAL YEAR 1999 INDEX**

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**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1999 BUDGET ESTIMATE
AUTHORIZATION FOR APPROPRIATION REQUESTED
(\$000)**

	FY 1999
<u>FUNDING PROGRAM</u>	
Construction of New Housing	59,504
Construction Improvements	211,991
A & E Services and Construction Design	<u>15,618</u>
Subtotal Construction	287,113
Less: Prior Year Appropriation	<u>6,323</u>
Appropriation Request, Family Housing Construction	280,790
 <u>Operations, Maintenance, and Debt Payment</u>	 780,214
Operating Expenses	180,652
Utilities	184,519
Maintenance	414,967
Debt Payment	76
 <u>Leasing</u>	 135,079
Domestic	64,132
Foreign	70,947
 <u>Appropriation Request, Family Housing Support</u>	 915,293
Total Family Housing, Navy Appropriation Request	1,196,083
Reimbursable Authority Requirements	<u>21,368</u>
Total Family Housing, Department of Navy Programs	1,217,451

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**DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1999 BUDGET SUMMARY
PROGRAM SUMMARY**

(In Thousands)

FY 1999 Program	\$1,217,451
FY 1998 Program	\$1,375,525

Purpose and Scope.

This program provides for the support of military family housing functions within the Department of the Navy.

Program Summary.

Authorization is requested for:

- (1) The performance of certain construction summarized hereafter; and
- (2) The appropriation of \$1,196,083
 - (a) to fund this construction; and
 - (b) to fund partially certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1999 follows (\$000):

Program	Navy	Marine Corps	DON Total
<u>Construction.</u>			
Appropriation Request	246,258	34,532	280,790
Reimbursements	0	0	0
Total Program	246,258	34,532	280,790
<u>Operations, Utilities, Maintenance, Leasing, and Debt Payment.</u>			
Appropriation Request	764,412	150,881	915,293
Reimbursements	18,368	3,000	21,368
Total Program	782,780	153,881	936,661
<u>Total.</u>			
Appropriation Request	1,010,670	185,413	1,196,083
Reimbursements	18,368	3,000	21,368
Total Program	1,029,038	188,413	1,217,451

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Family Housing, Navy and Marine Corps
Fiscal Year 1999

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law as follows: for Construction [\$391,832,000] \$280,790,000, to remain available until September 30, [2002] 2003; for Operation and Maintenance, and for Debt Payment [\$965,404,000] \$915,293,000; in all [\$1,357,236,000] \$1,196,083,000.

**Family Housing, Navy & Marine Corps
Program and Financing (in Thousands of dollars)**

**Budget Plan (amounts for FAMILY
HOUSING actions programmed)**

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-TPGE 951**

Identification code 17-0703-0-1-051

1997 actual 1998 est. 1999 est.

Program by activities:
Direct program:

Construction:

01.0101	Construction of new housing	269,051	175,196	53,181	187,651	263,947	86,915
01.0201	Construction improvements	205,383	203,536	211,991	155,120	148,604	190,566
01.0301	Planning	22,552	13,100	15,618	21,084	12,955	13,856
01.9101	Total construction	496,986	391,632	280,790	363,855	425,506	291,337

Operation, maintenance, and interest payment:

02.0101	Operating expenses	367,319	378,392	365,171	367,319	378,392	365,171
02.0201	Leasing	95,102	124,507	135,079	95,102	124,507	135,079
02.0301	Maintenance of real property	551,698	462,427	414,967	551,698	462,427	414,967
02.0501	Mortgage insurance premiums	80	78	76	80	78	76
02.9101	Total operation, maintenance, and interest	1,014,199	965,404	915,293	1,014,199	965,404	915,293
09.0101	Reimbursable	12,049	21,289	21,368	12,049	21,289	21,368
10.0001	Total	1,523,234	1,378,525	1,217,451	1,390,103	1,412,199	1,227,998

Financing:

11.0001	Offsetting collections from:						
14.0001	Federal funds (-)	-9,840	-21,289	-21,368	-9,840	-21,289	-21,368
17.0001	Non-Federal sources (-)	-2,209			-2,209		
	Recovery of prior year obligations				-309		
	Unobligated balance available, start of year:						
21.4002	For completion of prior year budget plans						
21.4003	Available to finance new budget plans	-905			-186,596		-283,361
21.4009	Reprogramming from/to prior year budget plan	-3,000			-905		
22.1001	Unobligated balance transferred to other acco	3,000			3,000		
24.4002	Unobligated balance available, end of year:						
25.0001	For completion of prior year budget plans	8,269			317,035		
39.0001	Unobligated balance expiring				8,269		
	Budget authority				283,361		272,814
	Appropriation:						
40.0001	Appropriation	1,520,607	1,357,236	1,196,083	1,520,607	1,357,236	1,196,083
41.0001	Transferred to other accounts (-)	-2,900			-2,900		
42.0001	Transferred from other accounts	842			842		
43.0001	Appropriation (adjusted)	1,518,549	1,357,236	1,196,083	1,518,549	1,357,236	1,196,083

Family Housing, Navy & Marine Corps
Program and Financing (in Thousands of dollars)

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00 FEB 98
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Budget Plan (amounts for FAMILY
HOUSING actions programmed)

Identification code	17-0703-0-1-051	1997 actual	1998 est.	1999 est.	1998 est.	1999 est.
Relation of obligations to outlays:						
71.0001	Obligations incurred			1,378,054	1,390,910	1,206,630
72.1001	Orders on hand, SOY			-692	224	224
72.4001	Obligated balance, start of year			1,348,319	1,328,244	1,221,133
74.1001	Orders on hand, EOY			-224	-224	-224
74.4001	Obligated balance, end of year			-1,328,244	-1,221,133	-1,050,653
77.0001	Adjustments in expired accounts (net)			-19,910		
78.0001	Adjustments in unexpired accounts			-309		
90.0001	Outlays (net)			1,376,994	1,498,021	1,377,110

Family Housing, Navy & Marine Corps
Object Classification (in Thousands of dollars)

REPORT 20

00 FEB 98
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TPGE 953

Identification code	17-0703-0-1-051	1997 actual	1998 est.	1999 est.
Direct obligations:				
121.001	Travel and transportation of persons	1,928	1,985	2,044
123.301	Communications, utilities, and miscellaneous charges	202,878	217,750	210,566
125.101	Advisory and assistance services	1,020	950	950
125.303	Purchases goods/services (inter/intra) Fed accounts	179,652	174,952	172,698
125.401	Purchases from revolving funds	606,370	546,672	505,464
131.001	Contract O&M of facilities including GOCOS	22,266	23,013	23,491
132.001	Equipment	363,855	425,506	421,337
143.001	Land and structures	85	82	80
199.001	Total Direct obligations	1,378,054	1,390,910	1,206,630
Reimbursable obligations:				
223.301	Communications, utilities, and miscellaneous charges	10,987	18,998	19,939
225.201	Other services with the private sector	1,062	1,078	156
231.001	Equipment	12,049	21,289	21,368
299.001	Total Reimbursable obligations	1,390,103	1,412,199	1,227,998
999.901	Total obligations			

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1999 BUDGET ESTIMATE
CONSTRUCTION OF NEW HOUSING

(In Thousands)

FY 1999 Program \$ 59,504
FY 1998 Program \$175,196

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new and replacement family housing units and associated facilities such as roads, driveways, walks, utility systems, and community and recreational facilities.

Program Summary

Authorization is requested for:

(1) Construction of 312 replacement homes; and,

(2) Appropriation of \$53,181,000 to partially fund this construction. This amount, together with resources of \$6,323,000 to be applied, derived from savings in prior year new construction programs, will completely fund the Fiscal Year 1999 program of \$59,504,000.

<u>Activity</u>	<u>Mission</u>	<u>No. of Homes</u>	<u>Amount</u>
<u>NAVY</u>			
NAS Lemoore, CA a/	Current	162	\$30,379
PWC Pearl Harbor, HI a/	Current	150	<u>29,125</u>
Subtotal, Navy		312	\$59,504
<u>MARINE CORPS</u>		<u>0</u>	<u>0</u>
Less: Prior year appropriation			<u>-6,323</u>
TOTAL		312	\$53,181

a/ Replacement homes.

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1. COMPONENT NAVY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA							2. DATE		
		3. INSTALLATION AND LOCATION NAVAL AIR STATION LEMOORE, CA			4. COMMAND			5. AREA CONSTR. 1.17			
6. PERSONNEL STRENGTH:		PERMANENT			STUDENTS			SUPPORT		TOTAL	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
a. AS OF 31 JAN 97	466	3792	962	10	134	0	36	80	0		5480
b. END FY 2002	607	4517	950	0	437	0	0	50	0		6561
7. INVENTORY DATA (\$000)											
a. TOTAL ACREAGE.....	29,824 Acres.....										
b. INVENTORY TOTAL AS OF.....	30 Sep 97.....									111,825	
c. AUTHORIZATION NOT YET IN INVENTORY.....										97,963	
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....										30,379	
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....										22,641	
f. PLANNED IN NEXT THREE PROGRAM YEARS.....										69,881	
g. REMAINING DEFICIENCY.....										7,200	
h. GRAND TOTAL.....										339,889	
8. PROJECTS REQUESTED IN THIS PROGRAM:											
CATEGORY CODE	PROJECT TITLE		SCOPE	COST (\$000)	DESIGN STATUS						
711	Family Housing		162	30,379	START	COMPLETE					
9. Future Project:											
a.	Included in following program					116 Replacement Homes					
b.	Major planned next three years					378 Replacement Homes					
c.	Family Housing revitalization backlog (replacement, improvements, major repairs)					\$79M					
10. Mission or Major Functions: Maintain and operate facilities and provide services and materials to support operations of aviation activities of the Pacific Fleet. As part of Base Closure 93, this base will be the homeport for all Pacific Fleet F-14 and E-2C squadrons; in addition to the F/A-18 squadrons based there today.											

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1. COMPONENT NAVY	FY1999 MILITARY CONSTRUCTION PROJECT DATA				2. DATE / /
3. INSTALLATION AND LOCATION NAVAL AIR STATION LEMOORE, CA			4. PROJECT TITLE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE 711	7. PROJECT NUMBER H-322	8. PROJECT COST (\$000) 30379		
9. COST ESTIMATES					
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)	
Family Housing: Buildings	FA	162	101586	16457	
Supporting Costs: Paving & Site Improvements	SM	17317	950.33	(16457)	
Utilities				10837	
Landscaping				(3499)	
Recreation				(2605)	
Spec Construction Features				(803)	
Demolition				(289)	
Post Tension Slabs	LS			(161)	
Soil Mitigation/Drainage	LS			(2280)	
Subtotal				(570)	
Contingency (5%)				(630)	
Total Contract Cost				27294	
SIOH (6.0%)				1365	
Total				28659	
Total (Rounded)				1720	
				30379	
				30379	

10. Description of proposed construction

Multi-family housing units; wood frame or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Demolition includes removal of asbestos. Special construction features exist for seismic bracing. Post tension slabs are needed to deal with shifting soil. Excessive soil alkalinity necessitates soil mitigation and subterranean drainage efforts.

Grade	Bedroom	Net Area	Project Factor	Unit Cost	No. Units	(\$000) Total
JEM	2	88	1.1466	828.82	32	2684
JEM	3	111	1.1466	828.82	130	13773
					162	16457

11. Requirement:

PROJECT: This project replaces 162 junior enlisted homes at NAS Lemoore. (Current Mission)

REQUIREMENT: This project is the fourth of eight phases to replace the 1300 Capehart homes which have been determined to be structurally unsound. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modernized, energy efficient homes for this remote base. This project includes community

1. COMPONENT NAVY	FY1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE //
3. INSTALLATION AND LOCATION NAVAL AIR STATION LEMOORE, CA			
4. PROJECT TITLE FAMILY HOUSING		5. PROGRAM ELEMENT	
<p>recreational facilities and expanded common open spaces reflecting the Navy's Neighborhood of Excellence concepts. Recreational facilities include tot lots, jogging paths, and playing courts/fields in accordance with MIL-HDBK-1035.</p> <p>CURRENT SITUATION: The Capehart homes were built between 1959 and 1962. Cracking and lateral movement of the slabs, concrete block walls, rafters, and sill plates has resulted in structural instability and moisture penetration. The shifting high water table and the sandy loam, with its high concentration of alkali and boron, cause constant shifting of load bearing surfaces. Construction defects have seriously compounded the problem. No horizontal reinforcement is present in the thin (some only 3" thick) slabs and adjoining block walls. Other construction defects include electric wiring with reverse polarity, expansive areas of single pane windows, lack of insulation in walls and ceilings, asbestos in floor tile and ceilings, and lead-based paint. The roofs are over 25 years old, driveways and sidewalks are shifting, and utility distribution systems (electrical, gas, water, and sewer) are all severely deteriorated. The activity has been forced to take several units off line. The Navy cannot afford to lose government homes in this remote location. Little or no private sector rental housing is available. The necessity for two on-base schools attests to the remoteness of the base. The loss of homes would adversely affect military families.</p> <p>IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separations from their families, or commuting unacceptable distances. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.</p> <p>Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".</p> <p>Necessary coordination with the school district is in progress.</p>			
CDR Paul McMahon (209) 998-4091			

MILITARY FAMILY HOUSING JUSTIFICATION		1. DATE OF REPORT (YYMMDD) 980129	2. FISCAL YEAR 1999	REPORT CONTROL SYMBOL DD-A&L(AR)1718					
3. DOD COMPONENT NAVY	4. REPORTING INSTALLATION								
5. DATA AS OF MAR 97	a. NAME NC NAS LEMOORE, CA			b. LOCATION CALIFORNIA					
ANALYSIS OF REQUIREMENTS AND ASSETS		CURRENT		PROJECTED					
		Officer (a)	E9-E7 (b)	E6-E1 (c)	Total (d)	Officer (e)	E9-E7 (f)	E6-E1 (g)	Total (h)
6. TOTAL PERSONNEL STRENGTH		512	302	3704	4518	607	348	4656	5611
7. PERMANENT PARTY PERSONNEL		466	296	3496	4258	607	338	4179	5124
8. GROSS FAMILY HOUSING REQUIREMENTS		347	277	2094	2718	465	313	2505	3283
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)		7	3	458	468				
a. INVOLUNTARILY SEPARATED		0	0	0	0				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED		0	0	284	284				
c. UNACCEPTABLY HOUSED IN COMMUNITY		7	3	174	184				
10. VOLUNTARY SEPARATIONS		13	13	190	216	17	15	230	262
11. EFFECTIVE HOUSING REQUIREMENTS		334	264	1904	2502	448	298	2275	3021
12. ADEQUATE ASSETS (a+b)		329	262	1600	2191	389	268	2145	2802
a. UNDER MILITARY CONTROL		78	165	671	914	7	27	1404	1438
(1) Housed in Existing DOD Owned/Controlled		78	165	546	789	7	27	760	794
(2) Under Contract/Approved						0	0	644	644
(3) Vacant		0	0	5	5				
(4) Inactive		0	0	120	120				
b. PRIVATE HOUSING		251	97	929	1277	382	241	741	1364
(1) Acceptably Housed		249	96	900	1245				
(2) Vacant Rental Housing		2	1	29	32				
13. EFFECTIVE HOUSING DEFICIT (11-12)		5	2	304	311	59	30	130	219
14. PROPOSED PROJECT						0	0	162	162
15. REMARKS									
<p>Block 4. NAS Lemoore is located in a predominately rural area. Large scale agriculture dominates the surrounding region. The local economy is unable to satisfy the requirement for rental housing. Vacancy rates are below the market equilibrium rate of 5%.</p>									
<p>Lines 6 & 7. Current personnel strength reflects FY97 data. Projections are for FY02.</p>									
<p>Line 9b. Reflects homes to be replaced in the Capehart housing area. The homes have been determined to be structurally unsound. The economic analysis supports replacement.</p>									
<p>Line 12.a.(2). The 644 homes include 240 (phase 1) 276 (phase 2) replacement projects approved in FY96 and FY97, and assumes Congress has approved the FY98 128 (phase 3) replacement project.</p>									
<p>Line 14. Project composition is as follows:</p>									
162 Enlisted Homes		32 JEM 2 bedroom							
		130 JEM 3 bedroom							
<p style="text-align: center;">162 Total Homes</p>									

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1. COMPONENT NAVY		FY 1999 MILITARY CONSTRUCTION PROJECT DATA							2. DATE	
3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER PEARL HARBOR, HI		4. COMMAND			5. AREA CONSTR.			1.45		
6. PERSONNEL STRENGTH:		PERMANENT		STUDENTS			SUPPORT		TOTAL	
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN
a. AS OF 31 JAN 97	1930	14866	8845	44	199	0	246	947	0	27077
b. END FY 2002	1851	14188	8810	89	300	0	265	1054	0	26557
7. INVENTORY DATA (\$000)										
a. TOTAL ACREAGE.....	27,419 Acres.....									
b. INVENTORY TOTAL AS OF.....	30 Sep 97.....							651,435		
c. AUTHORIZATION NOT YET IN INVENTORY.....								161,955		
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.....								29,125		
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM.....								19,277		
f. PLANNED IN NEXT THREE PROGRAM YEARS.....								44,919		
g. REMAINING DEFICIENCY.....								0		
h. GRAND TOTAL								906,711		
8. PROJECTS REQUESTED IN THIS PROGRAM:										
CATEGORY CODE	PROJECT TITLE		SCOPE	COST (\$000)	DESIGN STATUS					
711	Family Housing		150	29,125	START	COMPLETE				
9. Future Project:										
a.	Included in following program							96 Replacement Homes		
b.	Major planned next three years							225 Replacement Homes		
c.	Family Housing revitalization backlog (replacement, improvements, major repairs)							\$560M		
10. Mission or Major Functions: Maintain and operate shore facilities for training and experimental operations of the submarine forces; provide logistic support to submarines. Services the Commander, Submarine Forces, US Pacific Fleet, two submarine attack squadrons, the Submarine Training Center, and the Submarine Intermediate Maintenance Activity.										

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1. COMPONENT NAVY	FY1999 MILITARY CONSTRUCTION PROJECT DATA				2. DATE / /
3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER PEARL HARBOR, HI			4. PROJECT TITLE FAMILY HOUSING		
5. PROGRAM ELEMENT	6. CATEGORY CODE 711	7. PROJECT NUMBER H-379	8. PROJECT COST (\$000) 29125		
9. COST ESTIMATES					
ITEM			U/M	QUANTITY	UNIT COST
Family Housing: Buildings			FA SM	150 13239	108820 1233.01
Supporting Costs: Paving & Site Improvements					16323 (16323) 9722
Utilities					(3558)
Landscaping					(2931)
Recreation					(816)
Spec Construction Features					(294)
Demolition					(163)
Subtotal					(1960)
Contingency (5%)					26045 1302
Total Contract Cost					27347
SIOH (6.5%)					1778
Total					
Total (Rounded)					29125 29125
10. Description of proposed construction					
Multi-family housing units; wood or metal frame, or masonry with stucco or vinyl siding, covered parking, covered patios, privacy fencing, exterior storage and recreational facilities. Fire sprinkler system included in unit price. Special construction feature exists for hurricane wind bracing. Demolition includes removal of asbestos.					
Grade	Net Bedroom	Project Area	Unit Factor	No. Cost	(\$000) Units Total
JEM	2	88	1.4500	850.35	150 16323
				150	16323
11. Requirement:					
PROJECT: This project replaces 150 homes for junior enlisted families associated with PWC Pearl Harbor. (Current Mission)					
REQUIREMENT: This is the first of five phases to replace 556 severely deteriorated homes in the Hale Moku housing area. The economic analysis recommends replacement as the proposed course of action as it corrects current deficiencies and provides modernized, energy efficient homes. This project includes community recreational facilities, and expanded common open spaces reflecting the Navy's Neighborhoods of Excellence concepts. Recreational facilities include tot lots, jogging paths, and playing courts/fields in accordance with MIL-HDBK-1035.					

1. COMPONENT NAVY	FY1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE / /
3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER PEARL HARBOR, HI			
4. PROJECT TITLE FAMILY HOUSING	5. PROGRAM ELEMENT		

CURRENT SITUATION: Hale Moku was constructed in 1941. Termite damage in this housing area is so extensive that the structural integrity of some of the homes is in jeopardy. The exteriors of these homes have asbestos siding, and the interiors contain lead-based paint. No major renovation work has been performed on the Hale Moku housing area. The homes are outdated and do not meet acceptable standards of comfort and habitability. Electrical wiring is deteriorated and no longer meets code.

IMPACT IF NOT PROVIDED: Excessive maintenance and repairs will be required to keep the homes in a safe, habitable condition until future programming efforts are successful. Military members will be forced to choose between involuntary separations from their families, or accepting housing that is unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention of quality personnel will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facilities Planning and Design Guide".

Necessary coordination with the school district is in progress.

Tony Ray
(714) 726-6431

MILITARY FAMILY HOUSING JUSTIFICATION			1. DATE OF REPORT (YYMMDD) 980129	2. FISCAL YEAR 1999	REPORT CONTROL SYMBOL DD-A&L(AR)1716			
3. DOD COMPONENT NAVY	4. REPORTING INSTALLATION							
	a. NAME PA NC HAWAII			b. LOCATION HAWAII				
5. DATA AS OF MAR 97								
ANALYSIS OF REQUIREMENTS AND ASSETS	CURRENT				PROJECTED			
	Officer (a)	E9-E7 (b)	E6-E1 (c)	Total (d)	Officer (e)	E9-E7 (f)	E6-E1 (g)	Total (h)
6. TOTAL PERSONNEL STRENGTH	2220	1898	14114	18232	2205	1973	13569	17747
7. PERMANENT PARTY PERSONNEL	1917	1735	13104	16756	1851	1746	12442	16039
8. GROSS FAMILY HOUSING REQUIREMENTS	1355	1564	7049	9968	1342	1594	6747	9683
9. TOTAL UNACCEPTABLY HOUSED (a+b+c)	41	25	516	582				
a. INVOLUNTARILY SEPARATED	0	1	3	4				
b. IN MILITARY HOUSING TO BE DISPOSED/REPLACED	0	0	150	150				
c. UNACCEPTABLY HOUSED IN COMMUNITY	41	24	363	428				
10. VOLUNTARY SEPARATIONS	22	50	377	449	21	51	364	436
11. EFFECTIVE HOUSING REQUIREMENTS	1333	1514	6672	9519	1321	1543	6383	9247
12. ADEQUATE ASSETS (a+b)	1373	1583	6278	9234	1317	1547	6170	9034
a. UNDER MILITARY CONTROL	1115	1393	4621	7129	1077	1353	4576	7006
(1) Housed In Existing DOD Owned/Controlled	1042	1303	4554	6899	1077	1353	3760	6190
(2) Under Contract/Approved					0	0	816	816
(3) Vacant	66	82	67	215				
(4) Inactive	7	8	0	15				
b. PRIVATE HOUSING	258	190	1657	2105	240	194	1594	2028
(1) Acceptably Housed	250	186	1602	2038				
(2) Vacant Rental Housing	8	4	55	67				
13. EFFECTIVE HOUSING DEFICIT (11-12)	-40	-69	394	285	4	-4	213	213
14. PROPOSED PROJECT					0	0	150	150
15. REMARKS								
Block 4. COMNAVBASE Pearl Harbor directs and coordinates support to the Pacific Fleet provided by numerous shore activities established within the Naval Base area of responsibility.								
Line 5 & 7. Current personnel strength reflects FY97 data. Projects are for FY02 and they exclude Navy personnel moving to Kaneohe Bay.								
Line 9b. Includes 150 homes identified for disposal/replacement associated with the Hale Moku replacement projects.								
Line 12a(2). Projections include the remaining FY93 and FY95 Congressional adds (300 homes) and the approved FY96 phase 3 replacement project for Moanalua Terrace (252 homes), and FY97 project for final phase of Moanalua Terrace replacement (264 homes).								
Line 14. Project composition is as follows:								
150 Enlisted homes 150 JEM 2 bedroom								

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DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1999 BUDGET ESTIMATE
CONSTRUCTION IMPROVEMENTS

(In Thousands)

FY 1999 Program \$211,991
FY 1998 Program \$203,536

Purpose and Scope

This program provides for improvements and/or major repairs to revitalize Department of the Navy (DON) family housing and the supporting neighborhood site and facilities. This program is the primary vehicle for the DON to ensure that our aging inventory of homes are kept suitable for occupancy; as such, this program has a major role in maintaining a high quality of life for DON families. This program funds projects which will increase the useful life and livability of homes and neighborhoods, bring them up to Department of Defense standards, and make them more energy efficient and less costly to maintain.

Program Summary

Authorization is requested for:

- (1) Various improvements and/or major repairs to revitalize existing family housing; and
- (2) Appropriation of \$211,991,000 (\$177,459,000 for the Navy and \$34,532,000 for the Marine Corps) to fund these revitalization projects.
- (3) We are continuing our emphasis on revitalization through whole-house projects, which will accomplish all required improvements and repairs at one time. This program also includes repair projects considered to be a major investment.
- (4) A separate DD 1391 is attached for all projects exceeding \$50,000 per unit as adjusted by the area cost factor.

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1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE UNITED STATES		4. PROJECT TITLE FAMILY HOUSING REVITALIZATION		
5. PROGRAM ELEMENT IMPROVEMENTS	6. CATEGORY CODE 711	7. PROJECT NUMBER VARIES	8. PROJECT COST (\$000) \$211,991	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING – ALTERATIONS, ADDITIONS AND REHABILITATIONS	L/S	---	---	211,911
TOTAL REQUEST				211,991
10. DESCRIPTION OF PROPOSED CONSTRUCTION Provides for the revitalization of family housing and neighborhood support facilities and infrastructure. Revitalization consists of alterations, additions, expansions, modernization, and major repairs. Typical work includes the revitalization of kitchens and bathrooms; upgrades and repairs to structural, electrical, and mechanical systems; repairs/replacements involving utility systems, streets and side walks, and other infrastructure; removal of hazardous materials; and enhancements to neighborhood support systems including landscaping and recreation.				
11. REQUIREMENT: Major investments to the Navy's family housing inventory are needed to achieve current DoD standards, extend the life of the homes by arresting and correcting deterioration, reduce maintenance and utility expenses, and make the homes and surrounding neighborhoods quality places to live.				
IMPACT IF NOT PROVIDED: The Navy will continue to have a large segment of the family housing inventory and supporting neighborhoods which fall below Department of Defense and Navy standards for quality housing, therefore continuing a negative and adverse impact on the families who live in our homes. The Navy will miss a prime opportunity to reduce maintenance and utility costs and meet DoD standards in a more cost effective approach than replacing the existing homes and neighborhoods.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>
<u>INSIDE THE UNITED STATES</u>		
CALIFORNIA		
NAWS China Lake (H-1-95-2)	6,594	
This project revitalizes 86 enlisted homes in the Capehart "A" neighborhood. Work involves the complete revitalization of kitchen and baths. Provides improved circulation in the kitchen. Upgrade the electrical system. Replace heating and air conditioning. Replace the windows, doors, floors, and windows. Provide additional insulation. Replace roofs, gutters and downspouts. Renovate the garages to add storage. Replace siding and add structural integrity to resist seismic events. Remove asbestos and lead-based paint. Provide new patio slab with a sun cover, additional landscaping and improved irrigation. (See separate DD Form 1391)		
NAS Lemoore (H-3-99)	2,089	
This project revitalizes 40 enlisted homes in Alvarez Village. Includes the revitalization of kitchens and baths. Upgrades the electrical and plumbing systems, adds insulation and repairs interior and exterior walls. Includes the abatement of asbestos and lead paint hazards.		
NPGS Monterey (H-4-93)	7,016	
This project revitalizes 139 officer homes in La Mesa Village. The work will include renovation of the kitchens and bathrooms; upgrade of the electrical system; redesign and replacement of the roof; replacement of sliding glass doors and an exterior redesign and renovation; interior/exterior painting and landscaping overall.		
CNB San Diego (H-61-98-3)	24,798	
This project revitalizes 324 enlisted homes in Murphy Canyon. This project includes the revitalization of kitchens and baths. It includes the replacement of electrical and plumbing throughout; replacement of interior and exterior doors. Provide energy efficient windows, water heaters and new heating and air conditioning systems. This project includes the abatement of asbestos in ceilings and floor tiles. Install attic and wall insulation. Repair stucco. Replace garage doors. Provide additional sidewalks, upgrade patios and provide a cover; replace privacy fencing. Improve landscaping. Repair driveways and walks. (See separate DD Form 1391)		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES			
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER		
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>	
<u>INSIDE THE UNITED STATES</u>			
CNB San Diego (H-33-95-4)	4,851		
<p>This project revitalizes 58 officer homes in Admiral Hartman. This project includes the revitalization of kitchens and baths. It includes the replacement of electrical and plumbing throughout; replacement of interior and exterior doors. Installation of energy efficient windows, water heaters and new heating and air conditioning systems and additional insulation. This project includes the abatement of asbestos and lead based paint. Repair and replace rotted wood and stucco. Repair sidewalks and driveways; replace privacy fencing. Improve landscaping and regrading. (See separate DD Form 1391)</p>			
CONNECTICUT			
NSB New London (H-12-92 1)	6,321		
<p>This project revitalizes 72 enlisted homes in the Nautilus Park 2 neighborhood. Work includes revitalization of kitchens and baths. Includes the addition of a half bath or master bath. Provides for the replacement of windows, heaters and floors; replace electrical wiring. Replace carports with garages to include a laundry and storage area. Abate lead-based paint and asbestos. Replace roofs. Site work includes repair to the streets, sidewalks, water distribution, storm drainage, and sanitary sewer system. (See separate DD Form 1391)</p>			
HAWAII			
CNB Pearl Harbor (H-2-95-2)	6,526		
<p>This project revitalizes 68 enlisted homes in NCTAMS EASTPAC. Work includes the revitalization of kitchens and baths. Includes interior modifications to better utilize existing space. In homes where there is none, add a family room and lanai. Add a bathroom to some homes. Carports and exterior storage will be provided. The electrical system will be upgraded; insulated windows and window coverings will be installed. The plumbing system will be upgraded and water saving devices will be provided. In the neighborhood, landscaping, street lighting, entry courts, tot-lots, playgrounds and appropriate pathways will be provided. (See separate DD Form 1391)</p>			

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES			
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS		5. PROJECT NUMBER	
		(\$000)	
INSTALLATION/LOCATION/PROJECT DESCRIPTION <u>INSIDE THE UNITED STATES</u>		CURRENT WORKING ESTIMATE	
CNB Pearl Harbor (H-1-95-2)		5,575	
This project revitalizes 54 homes in the Hokulani neighborhood. Work includes the revitalization of kitchens and baths. Family rooms and master baths will be added to some homes without them. The project adds air conditioning, upgrades the electrical , and plumbing systems, replaces doors, windows and siding. Site work includes landscaping, street lighting, upgrades to utility distribution, playgrounds and sidewalks. (See separate DD Form 1391)			
CNB Pearl Harbor (H-3-95-1)		3,838	
This project revitalizes 32 senior officer homes in the Makalapa neighborhood. Work includes the complete renovation of kitchens and the installation of central air conditioning. Provides for upgrades to the electrical and plumbing systems and repairs the flooring. Adds electric meters. Mitigates asbestos and lead paint hazards and repairs termite damage. Adds privacy fencing. (See separate DD Form 1391)			
CNB Pearl Harbor (H-3-97-3)		12,811	
This project revitalizes 103 enlisted and officer homes in the Pearl City Peninsula housing area. Work includes the revitalization of kitchens and baths. Includes upgrades to the electrical and plumbing systems; replaces doors, windows, and siding. Site work includes landscaping, utility system upgrades, site lighting, playgrounds and sidewalks. (See separate DD Form 1391)			

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES			
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER		
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>	
<u>INSIDE THE UNITED STATES</u>			
<p>ILLINOIS</p> <p>CNB Great Lakes 12,632 (H-1-88-7)</p> <p>This project revitalizes 102 enlisted homes in Forrestal Village. Work involves interior reconfigurations to enlarge the kitchen area and provide additional second floor closet space; renovation of kitchens and baths; add a half bath; replace floors; finish basement and create a separate laundry room; install HVAC system; reconfigure ductwork and add ceiling fans; add acoustic and attic insulation to improve energy efficiency; add structurally pitched roofs; upgrade electrical system; replace windows and interior doors; perform asbestos and lead-based paint abatement; relocate gas service and meters; construct garages and driveways; construct patios and add privacy fencing; install vapor barrier underneath homes, correct drainage problem and install additional landscaping; install interconnected hardwire smoke detectors; and install sprinkler systems in triplex and above buildings. (See separate DD Form 1391)</p>			
<p>INDIANA</p> <p>NSWC Crane 2,781 (H-1-94)</p> <p>This project revitalizes 31 enlisted and officer homes on-station. Work involves renovation of kitchens and baths. Replace HVAC system and reconfigure ductwork; upgrade electric service; install ceiling fans; provide exterior lighting; replace floors and exterior doors windows and trim, including garage doors; repair open cracks in stone and mortar joints; abate asbestos duct insulation and pipe wraps; upgrade site lighting; and provide tot lots for children. (See separate DD Form 1391)</p>			
<p>MARYLAND</p> <p>USNA Annapolis 4,340 (H-2-99-2)</p> <p>This project revitalizes 85 enlisted homes in North Severn Village. This work includes renovation of the kitchens and baths. Replace electrical, plumbing, heating, air conditioning and hot water systems. Repair or replace interior doors and floors, and repair interior finishes. Replace the roof, chimney flue, flashing, soffits, gutters and downspouts. Replace brick veneer with siding. Abate asbestos and lead-based paint where necessary. (See separate DD Form 1391)</p>			

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES			
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER		
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>	
<u>INSIDE THE UNITED STATES</u>			
USNA Annapolis (H-3-99)	4,304		
<p>This project revitalizes 80 enlisted and officer homes in Arundel Estates. The work includes bathroom and kitchen modernization, interior remodeling, roofing repairs, exterior repairs to gutters, downspouts and masonry. Provides repairs to mechanical/electrical systems. (See separate DD Form 1391)</p>			
NEW JERSEY	6,723		
NWS Earle (HC-01-00)	<p>This project provides for whole house revitalization to 84 enlisted and company grade officer units at NWS Earle. The work includes upgrading kitchens, electrical, plumbing and mechanical systems; structural, architectural and site improvements; site repairs, and privacy fencing. (See separate DD Form 1391)</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES			
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER		
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>	
<u>INSIDE THE UNITED STATES</u>			
PENNSYLVANIA			
NAS Willow Grove (H-8-93)	598		
<p>This project revitalizes 6 enlisted homes in the MOQ area. Provides for the revitalization of kitchens and baths. Includes replacing flooring and doors and providing new interior finishes. This project upgrades the electrical system, replaces the heating and air conditioning, and removes asbestos and lead-based paint material. Exterior work includes new fascia, soffits and gutters. Site work includes replacing garages; repairs to streets, alleys, curbs, sidewalks, and parking areas. Provides landscaping, patios, privacy fences, and street lighting. Provide new laterals and relocate the secondary electrical distribution system. (See separate DD Form 1391)</p>			
TEXAS			
NAS Corpus Christi (H-1-96)	7,558		
<p>This project revitalizes 100 enlisted homes in the King and Ocean Drive, and D and E street areas. Work involves renovation of kitchens and baths. Refinish ceilings; install carpet upstairs; refinish stair treads; relocate air conditioning condensers; reconfigure ductwork; update electrical wiring and associated equipment and fixtures; install ceiling fans; replace exterior doors and windows; replace exterior wood siding; replace carports; replace fences; resurface streets and install new striping; install interconnected hardwire smoke detectors; and install sprinkler systems in triplex and above buildings. (See separate DD Form 1391)</p>			

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000)
<u>INSIDE THE UNITED STATES</u>		<u>CURRENT WORKING ESTIMATE</u>
VIRGINIA PWC Norfolk (H-4-95-2) <p>This project revitalizes 120 enlisted homes at Norwich Manor. This project includes revitalization of the kitchens and bathrooms. It also provides for new heating and air conditioning systems, and an upgraded electrical system; repair and replacement of interior floors and doors. Provide interior reconfiguration to better utilize existing space. Includes the replacement of windows, exterior doors and exterior lighting fixtures. Replace patio slab. Install privacy fencing and add a trash enclosure. Replace driveway. Provide new sidewalks, playgrounds, and landscaping. (See separate DD Form 1391)</p>		
WASHINGTON NAS Whidbey (H-3-95-2) <p>This project revitalizes 144 enlisted homes in the Crescent Capehart neighborhood. Work includes complete renovation of kitchens and baths; replacement of all windows, doors, floors, and light fixtures. Includes replacement of the roof, heating system, and window coverings. Abate asbestos and lead-based paint. Provides for repairs to the streets and sidewalks; includes landscaping and tot lots. (See separate DD Form 1391)</p>		
		8,010
		9,764

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>
<u>INSIDE THE UNITED STATES</u>		
WEST VIRGINIA		
NSGA Sugar Grove (H-1-95)	3,985	
<p>This project revitalizes 50 enlisted and officer on-station homes. Work involves renovation of kitchens and bathrooms; replacement of gutters, and downspouts; replacement of electrical wiring; relocation of trash enclosures/condensing units to the rear of the homes; replacement of exterior storage and trash enclosure doors; installation of covered patios; add front porches; and insulation of domestic hot water piping. Eight of the four bedroom homes will receive additional square footage to increase the size of the kitchen area and master bedroom. Twenty additional homes will be configured to allow for a larger kitchen area. Laundry area will be constructed on the side with storage facilities and the half bath will be relocated to the existing laundry. This project will also widen roadways; increase lighting level in the streets, open space areas and playgrounds; provide tot lots for the enlisted area; replace fencing; regrade fitness trail; provide street tree planting and upgrade landscape development. This project includes the adaptation of three homes to be handicapped accessible. (See separate DD Form 1391)</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER	
(\$000)		
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		<u>CURRENT WORKING ESTIMATE</u>
<u>OUTSIDE THE UNITED STATES</u>		
ICELAND		
NAS Keflavik (H-3-95)	2,854	
This project converts 22 two bedroom homes into 10 enlisted four bedroom homes and adds two day rooms in Building 960 in the Upper Commissary neighborhood. The work includes the revitalization of kitchens and bathrooms with pressure regulated and utility conserving components. Replace plumbing and heating systems. Upgrade electrical system including outlets and lighting fixtures. Replace interior doors, floors, walls and ceilings throughout. Provide sound attenuation between homes. Expand storage. Provide washer and dryer hookups and new hot water systems. Provide sidewalks and new exterior lighting. (See separate DD Form 1391)		
PWC Yokosuka (H-13-95)	8,024	
This project revitalizes 96 enlisted homes in Towers 1-2 in neighborhood #9. Project work includes the renovation of kitchens and bathrooms; provides new floors and the replacement of chilled/hot water piping.		
PWC Yokosuka (H-11-96-3)	3,690	
This project revitalizes 81 enlisted and officer homes in the Negishi neighborhood. Work includes the revitalization of kitchens and baths. Restore all interior surfaces including new floors, lights, doors and walls. Provides for the replacement of domestic hot water lines.		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE								
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES											
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER										
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>									
<u>OUTSIDE THE UNITED STATES</u>											
<p>PUERTO RICO</p> <table> <tr> <td>NS Roosevelt Roads (H-3-95-2)</td> <td>13,581</td> </tr> <tr> <td colspan="2"> <p>This project revitalizes 196 enlisted homes in the Caribe Breeze neighborhood. This project includes the revitalization of kitchens and baths. Provide additions to four bedroom homes to create better eating, laundry, and storage space. Replace windows, floors and doors. Replace air conditioning; upgrade the electrical system and interior lighting. Remove asbestos from kitchen floor. Build a new carport and provide new exterior finishes and improved exterior lighting. Construct a new covered entry to the homes; in the rear of the homes provide a patio with privacy fencing. Provide site landscaping and improved drainage. Repair driveways, sidewalks, roads, and curbs. Repair utility transformers and water lines. Add recreational facilities. (See separate DD Form 1391)</p> </td> </tr> <tr> <td>NS Roosevelt Roads (H-4-95-2)</td> <td>8,197</td> </tr> <tr> <td colspan="2"> <p>This project revitalizes 97 officer homes in the Cascajo Point neighborhood. This work includes the revitalization of kitchens and baths. Includes interior reconfiguration to better utilize kitchen, laundry, and storage space. Provides an upgrade of electrical systems, and replacement of all windows, doors, and floors. Adds ceiling fans and exhaust fans. Provide new hot water heaters and a new roof. Add covered front entrances. Add patios, storage and privacy fencing to the rear of the homes. Site work includes new road paving and signs, exterior lighting, play areas, trails, landscaping and irrigation. (See separate DD Form 1391)</p> </td> </tr> </table>				NS Roosevelt Roads (H-3-95-2)	13,581	<p>This project revitalizes 196 enlisted homes in the Caribe Breeze neighborhood. This project includes the revitalization of kitchens and baths. Provide additions to four bedroom homes to create better eating, laundry, and storage space. Replace windows, floors and doors. Replace air conditioning; upgrade the electrical system and interior lighting. Remove asbestos from kitchen floor. Build a new carport and provide new exterior finishes and improved exterior lighting. Construct a new covered entry to the homes; in the rear of the homes provide a patio with privacy fencing. Provide site landscaping and improved drainage. Repair driveways, sidewalks, roads, and curbs. Repair utility transformers and water lines. Add recreational facilities. (See separate DD Form 1391)</p>		NS Roosevelt Roads (H-4-95-2)	8,197	<p>This project revitalizes 97 officer homes in the Cascajo Point neighborhood. This work includes the revitalization of kitchens and baths. Includes interior reconfiguration to better utilize kitchen, laundry, and storage space. Provides an upgrade of electrical systems, and replacement of all windows, doors, and floors. Adds ceiling fans and exhaust fans. Provide new hot water heaters and a new roof. Add covered front entrances. Add patios, storage and privacy fencing to the rear of the homes. Site work includes new road paving and signs, exterior lighting, play areas, trails, landscaping and irrigation. (See separate DD Form 1391)</p>	
NS Roosevelt Roads (H-3-95-2)	13,581										
<p>This project revitalizes 196 enlisted homes in the Caribe Breeze neighborhood. This project includes the revitalization of kitchens and baths. Provide additions to four bedroom homes to create better eating, laundry, and storage space. Replace windows, floors and doors. Replace air conditioning; upgrade the electrical system and interior lighting. Remove asbestos from kitchen floor. Build a new carport and provide new exterior finishes and improved exterior lighting. Construct a new covered entry to the homes; in the rear of the homes provide a patio with privacy fencing. Provide site landscaping and improved drainage. Repair driveways, sidewalks, roads, and curbs. Repair utility transformers and water lines. Add recreational facilities. (See separate DD Form 1391)</p>											
NS Roosevelt Roads (H-4-95-2)	8,197										
<p>This project revitalizes 97 officer homes in the Cascajo Point neighborhood. This work includes the revitalization of kitchens and baths. Includes interior reconfiguration to better utilize kitchen, laundry, and storage space. Provides an upgrade of electrical systems, and replacement of all windows, doors, and floors. Adds ceiling fans and exhaust fans. Provide new hot water heaters and a new roof. Add covered front entrances. Add patios, storage and privacy fencing to the rear of the homes. Site work includes new road paving and signs, exterior lighting, play areas, trails, landscaping and irrigation. (See separate DD Form 1391)</p>											

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1. COMPONENT Marine Corps	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER	
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		(\$000) <u>CURRENT WORKING ESTIMATE</u>
<u>INSIDE THE UNITED STATES</u>		
<u>NORTH CAROLINA</u>		
MCAS Cherry Point (CP-H-9602-M2)	13,533.0	
This project provides for whole house revitalization to 192 junior enlisted Wherry family housing units located at Hancock Village at MCAS Cherry Point. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural, architectural and site improvements; and interior, exterior, and site repairs. (See separate DD Form 1391)		
MCB Camp Lejeune (LE-H-9902-R2)	3,149.0	
This project provides for whole house revitalization to 58 officer family housing Two Story units with carports located at Paradise Point and Hospital Point at MCB Camp Lejeune. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural and architectural improvements; interior and exterior repairs; and removal of lead-based paint. (See separate DD form 1391)		
MCB Camp Lejeune (LE-H-0004-R2)	17,417.0	
This project provides for whole house revitalization to 222 junior enlisted Wherry family housing units located at Tarawa Terrace at MCB Camp Lejeune. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural, architectural and site improvements; interior, exterior, and site repairs, installing fire suppression systems, and removal of lead-based paint. (See separate DD Form 1391)		

1. COMPONENT Marine Corps	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS	5. PROJECT NUMBER	
(\$000)		
<u>INSTALLATION/LOCATION/PROJECT DESCRIPTION</u>		<u>CURRENT WORKING ESTIMATE</u>
<u>OUTSIDE THE UNITED STATES</u>		
<u>JAPAN</u> MCAS Iwakuni (IW-H-9502-R2) Improvements to 88 three bedroom and 44 two bedroom enlisted units. Provides for carpeting and padding in all family housing living spaces, except the kitchen and bathrooms, which is required for sound reduction in three midrise (six story) buildings that have high density occupancy. Carpeting will also provide a non-skid surface for safety.		
433.0		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR WEAPONS STATION CHINA LAKE, CA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 86 HOMES, CAPEHART A (PHASE 2 OF 2)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-01-98-2	8. PROJECT COST (\$000) \$ 6,594	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	86	76.7	6,594
Area Cost Factor = 1.29				
10. Description of Proposed Construction Work involves the complete revitalization of kitchen and baths. Provides improved circulation in the kitchen. Upgrade the electrical system. Replace heating and air conditioning. Replace the windows, doors, floors, and windows. Provide additional insulation. Replace roofs, gutters and downspouts. Renovate the garages to add storage. Replace siding and add structural integrity to resist seismic events. Remove asbestos and lead-based paint. Provide new patio slab with a sun cover and additional landscaping and improved irrigation.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 86 enlisted homes in the Capehart A neighborhood. These homes are wood frame duplexes built in 1961. <u>REQUIREMENT:</u> These homes are over 30 years old and have never been revitalized. The homes are a maintenance liability and are energy inefficient. Asbestos and lead paint materials require removal.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION CHINA LAKE, CA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 86 HOMES, CAPEHART A (PHASE 2 OF 2)	5. PROJECT NUMBER H-01-98-2	
<p>CURRENT SITUATION: The kitchens are small, old, and inefficient. Bathrooms are old and need to be updated. Plumbing fixtures require replacement. Flooring is old and in need of replacement. The wiring system is original two conductor type with no ground wire. There are no interior or exterior GFI receptacles in the homes. Lighting is incandescent and energy inefficient. Unsightly surface mounted telephone and cable TV wiring on exteriors, ungrounded at entry to homes. Cooling system is in poor condition with corrosion and scale buildup. Rooms furthest from the main duct runs have inadequate air distribution. Water system requires replacement due to age and mineral buildup; isolation valves around water heater are corroded. Piping is uninsulated and subject to severe temperature differentials. Water heaters are uninsulated, old, and require replacement. Windows are original single glazed, drafty, and in poor condition. Siding is a combination stucco and hardwood and is in poor condition. There is inadequate wall insulation. Interior flooring is old and in need of replacement. Roofs are flat to low slope, wood frames, plywood sheathed, with built-up roofing, possibly containing asbestos and in poor condition requiring extensive maintenance. Garage storage is inadequate and requires replacement and relocation. Exterior walls are inadequately braced for current lateral seismic load requirements. Fencing is chain link in poor condition. Concrete patio slabs are inadequately sized or non-existent. Entry porch walks and driveways are small and in poor condition. Yards lack landscaping.</p> <p>IMPACT IF NOT PROVIDED: Without this project the living conditions in these homes and the surrounding neighborhood will remain unsatisfactory because of the potential health hazards, the deteriorated condition of the homes, and the high operations and maintenance expenses.</p> <p>ADDITIONAL: This project will eliminate life safety hazards, improve the energy efficiency of these homes, and reduce future maintenance expenses. This project is consistent with DOD housing standards and is supported by an economic and requirements analysis.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE SAN DIEGO, CA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 324 HOMES, MURPHY CANYON (PHASE 3)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-61-98-3	8. PROJECT COST (\$000) \$ 24,798	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	324	76.5	24,798
Area Cost Factor = 1.15				
10. Description of Proposed Construction This project includes the revitalization of kitchens and baths. It includes the replacement of electrical and plumbing throughout; replacement of interior and exterior doors. Provide energy efficient windows, water heaters and new heating and air conditioning systems. This project includes the abatement of asbestos in ceilings and floor tiles. Install attic and wall insulation. Repair stucco. Replace garage doors. Provide additional sidewalks, upgrade patios and provide a cover; replace privacy fencing. Improve landscaping. Repair driveways and walks.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 324 enlisted homes in Murphy Canyon. These homes are of frame construction ranging from single family to four-plex construction. <u>REQUIREMENT:</u> These homes still retain the majority of their original components. The maintenance and utility costs of these homes are increasing and they do not meet current standards. This project will extend the life of the homes another 25 years.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE SAN DIEGO, CA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 324 HOMES, MURPHY CANYON (PHASE 3)	5. PROJECT NUMBER H-61-98-3	
<p>CURRENT SITUATION: The kitchens are no longer functional because they are old and inefficient. Bathrooms have old components. The existing plumbing leaks creating maintenance expenses. The electrical system will be upgraded from the original wiring. The windows are old and energy inefficient. The heating and air conditioning systems for these homes need replacement. Water heaters are not mounted to meet seismic standards. Flooring throughout the homes needs replacing. New light fixtures are needed for kitchens and bathrooms. These homes lack sufficient insulation. The stucco is discolored. The site is dense and needs improvements to make it more livable. Ceilings have asbestos.</p> <p>IMPACT IF NOT PROVIDED: These homes will remain costly to operate without this much needed work.</p> <p>ADDITIONAL: This project will eliminate life safety hazards, improve the energy efficiency of these homes, and reduce future maintenance expenses. This project is consistent with DOD housing standards and is supported by an economic and requirements analysis.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE SAN DIEGO, CA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 58 OFFICER UNITS, ADMIRAL HARTMAN		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 71-26	7. PROJECT NUMBER H-33-95-4	8. PROJECT COST (\$000) \$ 4,851	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	58	84	4,851
Area Cost Factor = 1.15				
10. Description of Proposed Construction This project encompasses wholesite revitalization to 58 officer units at the Admiral Hartman housing site.				
11. REQUIREMENT:				
<p><u>PROJECT</u>: Wholesite revitalization to 58 officer units at Admiral Hartman housing site, San Diego. This is the second to last phase of construction for this housing site.</p> <p><u>REQUIREMENT</u>: These units are slab on grade, 40 years old, and never had major renovations. Work includes redesigning and modernizing kitchens, baths and bedrooms. Improving the electrical system to code. Regrading and landscaping. Removing asbestos and lead based paint.</p>				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE SAN DIEGO, CA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 58 OFFICER UNITS, ADMIRAL HARTMAN	5. PROJECT NUMBER H-33-95-4	
<p>CURRENT SITUATION: Existing kitchens are closed off from the remainder of the house and not a part of the common living environment. Existing electrical, plumbing and gas systems are old, out of code and energy inefficient. Existing furnace and hot water heater are old and beyond their useful life and are not seismically braced. Windows are energy inefficient and wall insulation is lacking and requires upgrade. Site drainage is poor and tends to pond and settle near the units, causing further damage to the exterior surfaces. Sewer laterals are old and in need of replacement. Existing fences are old, unsightly and in need of replacement. Yards need be re-graded to ensure proper water runoff. Driveways and walks are cracked, settled or damaged due to poor drainage. There are no handicap curbs throughout this area.</p> <p>IMPACT IF NOT PROVIDED: These homes will remain costly to operate without this much needed work.</p> <p>ADDITIONAL: This project will eliminate life safety hazards, improve the energy efficiency of these homes, and reduce future maintenance expenses. This project is consistent with DOD housing standards and is supported by an economic and requirements analysis.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL SUBMARINE BASE NEW LONDON, CT		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 72 HOMES, NAUTILUS PARK 2		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-12-92-1	8. PROJECT COST (\$000) \$ 6,321	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	72	87.8	6,321
Area Cost Factor = 1.11				
10. Description of Proposed Construction Work includes complete revitalization of kitchens and baths. Includes the addition of a half bath or master bath. Provides for the replacement of windows, heaters and floors; replace electrical wiring. Replace carports with garages to include a laundry and storage area. Abate lead-based paint and asbestos. Replace roofs. Site work includes repair to the streets, sidewalks, water distribution, storm drainage, and sanitary sewer system.				
11. REQUIREMENT: PROJECT: This project revitalizes 72 enlisted homes in the Nautilus Park 2 neighborhood. The homes are a mix of two and three bedroom duplex townhouse homes and four bedroom duplex rancher homes built in 1962.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL SUBMARINE BASE NEW LONDON, CT		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 72 HOMES, NAUTILUS PARK 2	5. PROJECT NUMBER H-12-92-1	
<p>REQUIREMENT: These homes have not been revitalized since they were built. Their maintenance and utility costs are increasing and they do not meet current standards. The homes are needed to support the families at this installation. This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities that can make Nautilus Park 2 a quality place to live. The work is required to extend the useful life of these homes by another 25 years.</p> <p>CURRENT SITUATION: All components within the kitchens are deteriorated. The three bedroom homes need a master bath. The two bedroom junior enlisted homes need a half bath on the first floor. The boilers need to be replaced with low maintenance materials. Roofs are failing at an increasing rate, resulting in costly interim repairs through service calls, in addition to, accelerated damage to the homes and occupant property because of leaks. Windows and exterior doors have outlived their useful life and need to be replaced with low maintenance, energy efficient materials. The carports are not architecturally compatible with the homes and all need to be replaced with garages which have a laundry area and storage to the rear. The homes lack attractive and private patios. Hazardous materials are now present in the homes and will be removed and disposed of as part of the project. Some of the streets, sidewalks and utility systems are in need of repair.</p> <p>IMPACT IF NOT PROVIDED: Without correcting the roofing and electrical deficiencies, these homes will eventually become unsuitable for occupancy. Maintenance and operating costs will remain unacceptably high without this project.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 68 HOMES, NCTAMS EASTPAC		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-2-95-2	8. PROJECT COST (\$000) \$ 6,526	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	68	96	6,526
Area Cost Factor = 1.45				
10. Description of Proposed Construction Work includes revitalizing kitchens and baths and interior modifications to better utilize existing space. In homes where there is none, add a family room, and lanai. Carports and exterior storage will be provided. The electrical system will be upgraded; insulated windows and window coverings will be installed. The plumbing system will be upgraded and water saving devices will be provided. In the neighborhood, landscaping, street lighting, entry courts, tot-lots, playgrounds and appropriate pathways will be provided.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 68 enlisted four-plex homes constructed in 1965. <u>REQUIREMENT:</u> This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these homes by another 25 years.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		2. DATE
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 68 HOMES, NCTAMS EASTPAC	5. PROJECT NUMBER H-2-95-2	
<p>CURRENT SITUATION: These homes were built in 1965. The homes are a mix of two, three, and four bedroom and are designated for occupancy by enlisted personnel. There have been no major repairs or improvements on these homes in the last 25 years. Currently, these homes lack modern kitchen and bathroom features. Some types do not have master bedrooms or family rooms and as a result there is insufficient modern accommodations. There is no privacy in the yards. The electrical and plumbing systems are in poor condition and must be upgraded to current building codes. The homes do not have closet systems, gutters, and privacy fencing. The neighborhood lacks a pedestrian circulation system, a uniform landscaping theme and signage.</p> <p>IMPACT IF NOT PROVIDED: These homes do not meet current standards. The layout of the homes are not functionally arranged to properly accommodate the modern residential living needs of our military families. Therefore, quality of life, readiness, and morale will be severely impacted without improvement to these homes.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 54 HOMES, HOKULANI		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-1-95-2	8. PROJECT COST (\$000) \$ 5,575	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	54	103	5,575
Area Cost Factor = 1.45				
10. Description of Proposed Construction This project revitalizes 54 homes in the Hokulani neighborhood. Work includes the revitalization of kitchens and baths. Family rooms and master baths will be added to homes without them. The project adds air conditioning, upgrades the electrical , and plumbing systems, replaces doors, windows and siding. Site work includes landscaping, street lighting, upgrades to utility distribution, playgrounds and sidewalks.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 54 homes built in 1969. <u>REQUIREMENT:</u> This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these homes by another 25 years.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI			
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 54 HOMES, HOKULANI			5. PROJECT NUMBER H-1-95-2
<p>CURRENT SITUATION: These homes are a mix of two, three, and four bedroom units and are designated for occupancy by enlisted personnel. There have been no major repairs or improvements on these homes in the last 25 years. Currently, these homes lack modern kitchen and bathroom features. Some unit types do not have family rooms or master baths. The electrical and plumbing systems are in poor condition. The backyards lack privacy and storage. The neighborhood lacks landscaping, does not have a pedestrian circulation system and the utility distribution systems are unsightly.</p> <p>IMPACT IF NOT PROVIDED: These homes do not meet current standards. The layout of the homes are not functionally arranged to properly accommodate the modern residential living needs of our military families. The basic systems in these homes require upgrades before more costly, emergent repairs are required.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>			

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 32 HOMES, MAKALAPA		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-3-95-1	8. PROJECT COST (\$000) \$ 3,838	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	32	119.9	3,838
Area Cost Factor = 1.45				
10. Description of Proposed Construction Work includes the complete renovation of kitchens and the installation of central air conditioning. Provides for upgrades to the electrical and plumbing systems and repairs the flooring. Adds electric meters. Mitigates asbestos and lead paint hazards and repairs termite damage. Adds privacy fencing.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 32 senior officer homes in the Makalapa housing area at Pearl Harbor. These single family and duplex homes were built in 1941 and 1950. <u>REQUIREMENT:</u> This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these homes by another 25 years.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 32 HOMES, MAKALAPA	5. PROJECT NUMBER H-3-95-1	
<p>CURRENT SITUATION: These homes are a mix of two and three bedrooms and are designated for occupancy by senior officer personnel. There have been no major repairs or improvements on these homes in the last 25 years. The kitchens in these homes are old and in need of repairs and upgrades. These homes have inefficient window air conditioners which need replacing with central air conditioning. The electrical and plumbing systems are dated and need upgrades; the flooring in these homes is old and in need of replacement. Due to the age of these homes lead paint and asbestos are present. Termite damage affects some homes. The backyards of these homes lack privacy.</p> <p>IMPACT IF NOT PROVIDED: These homes are becoming unattractive and undesirable for Navy families. The basic systems in these homes require upgrades before more costly, emergent repairs are required. The utility costs and maintenance of these homes will continue to be uneconomical. The lead paint and asbestos will continue to pose potential hazards to the families.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate life safety hazards.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 103 HOMES, PEARL CITY PENINSULA, PHASE III		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-3-97	8. PROJECT COST (\$000) \$ 12,811	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	103	124.4	12,811
Area Cost Factor = 1.45				
10. Description of Proposed Construction Work includes the revitalization of kitchens and baths. Includes upgrades to the electrical and plumbing systems; replaces doors, windows, and siding. Site work includes landscaping, utility system upgrades, site lighting, playgrounds and sidewalks.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 103 enlisted and officer homes in the Pearl City Peninsula housing area. These homes were constructed between 1965-1970. <u>REQUIREMENT:</u> This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these homes by another 25 years.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE PEARL HARBOR, HI		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 103 HOMES, PEARL CITY PENINSULA, PHASE III	5. PROJECT NUMBER H-3-97	
<p>CURRENT SITUATION: These homes are a mix of two, three, and four bedroom and are designated for occupancy by enlisted and officer personnel. There have been no major repairs or improvements on these homes in the last 25 years. Currently, these homes lack modern kitchen and bathroom features. Some types do not have master bedrooms or family rooms and as a result there is insufficient modern accommodations. There is no privacy in the yards. The electrical and plumbing systems are in poor condition and must be upgraded to current building codes. The homes do not have closet systems, gutters, and privacy fencing. The neighborhood lacks a pedestrian circulation system, a uniform landscaping theme and signage.</p> <p>IMPACT IF NOT PROVIDED: These homes do not meet current standards. The layout of the homes are not functionally arranged to properly accommodate the modern residential living needs of our military families. Therefore, quality of life, readiness, and morale will be severely impacted without improvement to these homes.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE GREAT LAKES, IL		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 102 HOMES, FORRESTAL VILLAGE (PHASE 7)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-1-88-7	8. PROJECT COST (\$000) \$ 12,632	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	102	123.8	12,632
Area Cost Factor = 1.26				
10. Description of Proposed Construction Work involves interior reconfigurations to enlarge the kitchen area and provide additional second floor closet space; complete renovation of kitchens and baths; add a half bath; remove asbestos floor tiles and replace with new floor covering; finish basement and create a separate laundry room; install HVAC system; reconfigure ductwork and add ceiling fans and foundation, acoustic and attic insulation to improve energy efficiency; add structurally pitched roofs; upgrade electrical system; replace windows and interior doors; perform asbestos and lead-based paint abatement; relocate gas service and meters; construct garages and driveways; construct patios and add privacy fencing; install vapor barrier underneath homes, correct drainage problem and install additional landscaping; install interconnected hardwire smoke detectors; and install sprinkler systems in triplex and above buildings.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 102 enlisted homes located in the Forrestal Village neighborhood. These homes are single, duplex, triplex and quadraplex family housing dwellings built in 1951, 1960 and 1965. These are three and four bedroom homes.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION COMNAVBASE GREAT LAKES, IL		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 102 HOMES, FORRESTAL VILLAGE (PHASE 7)	5. PROJECT NUMBER H-1-88-7	

REQUIREMENT: These homes have not been revitalized since they were built. Due to the age and condition of the homes and their individual components, the maintenance and utility costs of these homes are unacceptably high. These homes do not meet current DOD standards for family housing. This project will extend the life of the homes another 25 years.

CURRENT SITUATION: All components within the kitchens and bathrooms are deteriorated and lack modern amenities. The kitchens have an inefficient, inconvenient, and unappealing layout. The absence of a half bathroom on the first floor of two-story homes does not conform to OSD criteria. Floor tiles are becoming brittle, thus further exposing asbestos to the occupants. The furnace is inefficient and is not conducive to efficient distribution of heat. There is no central air conditioning system. The homes are inadequately insulated. The laundry area is inconvenient. The roofs are failing. The electrical systems are original and do not conform to current electrical code. Windows are antiquated and not energy efficient. The continued presence of asbestos and lead based paint in these homes constitute an unacceptable environmental hazard. The gas service system and meters, interior doors, garages, and driveways are beyond economic repair. Open parking areas do not provide protection from snow and ice during winter. There is no privacy afforded to residents in the back of these homes. Drainage problems and lack of adequate landscaping are causing erosion in the yards, and create an uninviting visual image of the neighborhood.

IMPACT IF NOT PROVIDED: These homes will continue to fall short of DOD housing standards. Families will continue to be dissatisfied with the condition of these homes. Operation and maintenance costs will continue to be unacceptably high.

ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs and eliminate safety hazards.

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL SURFACE WARFARE CENTER CRANE, IN		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 31 HOMES, NSWC CRANE		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-1-94	8. PROJECT COST (\$000) \$ 2,781	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	31	89.7	2,781
Area Cost Factor = 1.05				
10. Description of Proposed Construction Work involves renovation of kitchens and baths. Replace HVAC system and reconfigure ductwork; upgrade electric service; install ceiling fans; provide exterior lighting; replace floors and exterior doors windows and trim, including garage doors; repair open cracks in stone and mortar joints; abate asbestos on duct insulation and pipe wraps; upgrade site lighting; and provide tot lots for children.				
11. REQUIREMENT: PROJECT: This project revitalizes 31 enlisted and officer homes located on-station. The assets consist of single family and duplex two story homes built between 1907 to 1944.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL SURFACE WARFARE CENTER CRANE, IN		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 31 HOMES, NSWC CRANE	5. PROJECT NUMBER H-1-94	
<p>REQUIREMENT: These homes have not been revitalized since they were built. Due to the age and condition of the homes and their individual components they do not meet DOD standards for family housing. This requirement is further augmented by Crane's isolated location and the lack of available community housing assets. This project will extend the life of the homes another 25 years.</p> <p>CURRENT SITUATION: All components within the kitchen and bathrooms are deteriorated and lack modern amenities. Floor tiles are becoming brittle and breaking. Existing HVAC duct work is poorly configured and is not conducive to efficient distribution of heat and air conditioning. Lighting fixtures throughout are deteriorated and near the end of their useful life. The remote location of the activity requires upgraded exterior lighting systems for adequate security. Poor drainage around exterior of homes contributes to cracks at stone and mortar joints. Exterior doors, windows trim and garage doors are deteriorating. Asbestos exists on the HVAC duct work and pipe wrap. The dwelling homes and common areas lack adequate landscaping which creates an uninviting visual image of the neighborhood. Site lighting and recreation area are antiquated and inadequate.</p> <p>IMPACT IF NOT PROVIDED: These homes will continue to fall short of DOD standards. Families will continue to be dissatisfied with the condition of these homes. Operation and maintenance cost will continue to be unacceptably high.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 85 HOMES, NORTH SEVERN VILLAGE (PHASE 2)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-2-99-2	8. PROJECT COST (\$000) \$ 4,340	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	85	51.1	4,340
Area Cost Factor = 0.87				
10. Description of Proposed Construction This work includes renovation of the kitchens and baths. Replace electrical, plumbing, heating, air conditioning and hot water systems. Repair or replace interior doors and floors, and repair interior finishes. Replace the roof, chimney flue, flashing, soffits, gutters and downspouts. Replace brick veneer with siding. Abate asbestos and lead-based paint where necessary.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 85 enlisted townhomes built between 1949 and 1956 in North Severn Village. These homes are located along Alden Road, Fig Court and Eucalyptus Court. <u>REQUIREMENT:</u> Except for some minor work to the bathrooms, there has been no significant work performed on these homes in over 30 years. <u>CURRENT SITUATION:</u> The kitchens and baths in these homes are old and unsightly. The electrical, plumbing, heating, air conditioning and hot water systems are old and need restoration or replacement. The floors, doors, and interior finishes are worn and need repair or replacement. The roof and associated components need replacement. Lead-based paint and asbestos are present in the dwelling and must be abated.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 85 HOMES, NORTH SEVERN VILLAGE (PHASE 2)	5. PROJECT NUMBER H-2-99-2	
<p><u>IMPACT IF NOT PROVIDED:</u> This work is needed to allow continued occupancy by families in a safe and pleasant environment.</p> <p><u>ADDITIONAL:</u> This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 80 HOMES, ARUNDEL ESTATES		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-3-99	8. PROJECT COST (\$000) \$ 4,304	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	80	53.8	4,304
Area Cost Factor =0.87				
10. Description of Proposed Construction The work includes bathroom and kitchen modernization, interior remodeling, roofing repairs, exterior repairs to gutters, downspouts, masonry and repairs to mechanical/electrical systems.				
11. REQUIREMENT:				
<p>PROJECT: This project revitalizes 58 enlisted and 22 officer homes in the Arundel Estates neighborhood. These are townhome style homes built in 1965 of frame masonry.</p> <p>REQUIREMENT: There has been no significant investment in these homes over the last 25-30 years.</p> <p>CURRENT SITUATION: The kitchens and baths are outdated. The mechanical systems have far exceeded their useful life. Most of the homes have severe interior wall and paint problems, which includes extensive quantities of lead-based paint on interior walls and asbestos material on pipes, walls, ceilings, and tile mastic. The mechanical/electrical systems are original and are beyond their useful life. Structures are in need of repair and revitalization to bring them into conformance with contemporary standards for housing.</p>				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 80 HOMES, ARUNDEL ESTATES	5. PROJECT NUMBER H-3-99	
<p>IMPACT IF NOT PROVIDED: Without significant treatment/investment, these homes will require increasing amounts of maintenance. Eventually, systems will fail. Families will be exposed to materials that contain asbestos and lead. Life safety code deficiencies will not be corrected. Deferral of required work will result in future accomplishment at higher costs when the work can no longer be postponed.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL WEAPONS STATION, EARLE, NJ		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 84 HOMES, CHARLESWOOD HOUSING AREA (PHASE I OF III)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER HC-01-00 PH I	8. PROJECT COST (\$000) \$ 6,723	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	84	89.6	6,723
Area Cost Factor = 1.15				
10. Description of Proposed Construction Work includes revitalizing kitchens and baths and interior modifications to better utilize existing space. Upgrade kitchen appliances, cabinets, and countertops. Upgrade electrical and mechanical systems, replace windows, doors and floors. Construct one story single car garage attached to the fronts of units. Replace concrete patios and walkways, replace exterior storage units, and abate units of lead and asbestos.				
11. REQUIREMENT: PROJECT: This project will provide all necessary wholehouse/site improvements to family housing units at the Charleswood Housing Community at Naval Weapons Station Earle. This project is the first of three phases. REQUIREMENT: This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. The work is required to extend the useful life of these units by another 25 years.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL WEAPONS STATION EARLE, NJ		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 84 HOMES, CHARLESWOOD HOUSING AREA (PHASE I OF III)	5. PROJECT NUMBER H-01-00 PH I	
<p>CURRENT SITUATION: These two-story, two, three and four bedroom units were built in 1958. They are of brick masonry construction with a concrete slab on grade foundation. Windows are no longer energy efficient. The kitchen is inadequate in size and poorly designed. There is insufficient base and wall cabinet space. Countertops are in poor condition. Laundry area is small and has no doors to conceal appliances. Bathrooms have no vanities. Gas-fired forced air furnace and gas-fired water heater in fair condition. Asbestos flue piping and cap in fair condition. The units have no dishwashers or disposers. Faucets approaching end of useful life. Bathroom fixtures in poor condition. No downspout splash blocks. No kitchen exhaust hoods. Electrical service panels are inadequate for future wiring circuits. Inadequate number of dedicated circuits for kitchen appliances. No GFCI receptacles in the kitchen or baths. No exterior receptacles. Incandescent lighting in poor condition. Exposed exterior wiring, gas lines, telephone and cable outlets need to be replaced. The community lacks landscaping and quality site features including bus shelters and signs.</p> <p>IMPACT IF NOT PROVIDED: Repair and maintenance costs are increasing as the deterioration of various building components increase. Plumbing and electrical systems are becoming increasingly difficult to repair. Occupant attitudes will become increasingly more negative as the deterioration continues. Delay in project accomplishment only increases the maintenance/repair cost.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION WILLOW GROVE, PA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 6 MOQ HOMES		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-8-93	8. PROJECT COST (\$000) \$ 598	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	6	99.6	598
Area Cost Factor = 1.05				
10. Description of Proposed Construction Provides for the revitalization of kitchens and baths. Includes replacing flooring and doors and providing new interior finishes. This project upgrades the electrical system, replaces the heating and air conditioning, and removes asbestos and lead-based paint material. Exterior work includes new fascia, soffits and gutters. Site work includes replacing garages; repairs to streets, alleys, curbs, sidewalks, and parking areas. Provides landscaping, patios, privacy fences, and street lighting. Provide new laterals and relocate the secondary electrical distribution system.				
<hr/> 11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes six enlisted homes in the MOQ area which were acquired by the Navy in 1940.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION WILLOW GROVE, PA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 6 MOQ HOMES	5. PROJECT NUMBER H-8-93	
<p>REQUIREMENT: The on base homes have had no significant revitalization done to them. The maintenance and utility costs for these homes are increasing. This project is required to correct deficiencies and modernize the homes as well as provide neighborhood amenities that can make this neighborhood a quality place to live. The work is required to extend the useful life of the homes by another 25 years.</p> <p>CURRENT SITUATION: The kitchens in the on base homes and all of the bathrooms components are deteriorated and lack modern amenities. The garages are deteriorated and detract from the units and appearance of the site; the wood members are rotted, contain lead-based paint and asbestos; and need to be replaced. The fascia and soffits need to be replaced with low maintenance materials. The electrical systems are original and do not conform to current electrical codes. The boiler and air conditioning units are antiquated and need to be replaced with a new high efficiency systems. Interior finishes need to be revitalized. Hazardous materials are now present in the homes and will be removed and disposed of as part of the project. The homes lack attractive patios with privacy fences. Repairs are required to the streets, sidewalks, water and electrical distribution systems. The site lacks attractive landscaping.</p> <p>IMPACT IF NOT PROVIDED: These homes will not meet DOD standards. Quality of life, morale, readiness and retention will suffer. The electrical system deficiencies present a potentially hazardous condition.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes, reduce maintenance costs, and eliminate safety hazards.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION CORPUS CHRISTI, TX		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 100 HOMES, KING AND OCEAN DRIVE, D AND E STREET		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-1-96	8. PROJECT COST (\$000) \$ 7,558	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	100	75.6	7,558
Area Cost Factor = 0.92				
10. Description of Proposed Construction Work involves renovation of kitchens and baths. Refinish ceilings; install carpet upstairs; refinish stair treads; relocate air conditioning condensers; reconfigure ductwork, update electrical wiring and associated equipment and fixtures; install ceiling fans; replace exterior doors and windows; replace exterior wood siding; replace carports; replace fences; resurface streets and install new striping; install interconnected hardwire smoke detectors; and install sprinkler systems in triplex and above buildings.				
11. REQUIREMENT: PROJECT: This project revitalizes 100 enlisted homes located in the King Drive, Ocean Drive and D & E Street areas at Naval Air Station Corpus Christi, Texas. These homes were built in 1968, are wood on slab frame construction, and consist of two, three, and four bedroom homes.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION CORPUS CHRISTI, TX		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 100 HOMES, KING AND OCEAN DRIVE, D AND E STREET	5. PROJECT NUMBER H-1-96	
<p>REQUIREMENT: These homes have not been revitalized since they were built. Maintenance and utility costs for these homes continue to increase. These homes do not meet current DOD standards for family housing. This project will extend the life of the homes for another 25 years.</p> <p>CURRENT SITUATION: Kitchens and bathrooms are beyond the point of being economical to repair. Ceilings have worn out, revealing construction deficiencies. Upstairs floors and stair treads are wearing out. Air conditioning condensers are in an undesirable location at the front entrance of the homes. Ductwork shows deficiencies. The electrical system does not conform to current electrical code. Ceiling fans are not present in homes. Exterior doors, windows and wood siding are not energy efficient and also continue to produce high maintenance costs. Carports are metal and deteriorated beyond the point of being economical to repair. Fences are not uniform in style and costly to maintain. Streets throughout the neighborhoods are deteriorated.</p> <p>IMPACT IF NOT PROVIDED: These homes will not meet DOD standards. Our families will continue to be dissatisfied with the condition of these homes. Operation and maintenance costs will continue to be unacceptably high.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER NORFOLK, VA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 120 HOMES, NORWICH MANOR (PHASE 2 OF 2)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-4-95-2	8. PROJECT COST (\$000) \$ 8,010	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	120	66.8	8,010
Area Cost Factor = 0.91				
10. Description of Proposed Construction This project includes revitalization of the kitchens and bathrooms. It also provides for new heating and air conditioning systems, and an upgraded electrical system; repair and replacement of interior floors and doors. Provide interior reconfiguration to better utilize existing space. Includes the replacement of windows, exterior doors and exterior lighting fixtures. Replace patio slab. Install privacy fencing and add a trash enclosure. Replace driveway. Provide new sidewalks, playgrounds, and landscaping.				
11. REQUIREMENT: PROJECT: This project revitalizes 120 enlisted duplex homes in Norwich Manor. These are single story, three and four bedroom duplexes built in 1965 of wood construction with a concrete slab on grade foundation. REQUIREMENT: This project is required to correct deficiencies and modernize these homes as well as provide neighborhood amenities. This project is the second of two phases.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER NORFOLK, VA		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 120 HOMES, NORWICH MANOR (PHASE 2 OF 2)	5. PROJECT NUMBER H-4-95-2	
<p>CURRENT SITUATION: The kitchen is small and poorly designed. The bathrooms are outdated. The interior and exterior doors are old and present security and safety problems. Windows are no longer energy efficient. Hardwood floors are worn and stained. Laundry area is small and has no doors to conceal appliances. Electrical service panels are inadequate for future wiring circuits. The community lacks landscaping and quality site features including bus shelters and signs.</p> <p>IMPACT IF NOT PROVIDED: Repair and maintenance costs are increasing as the deterioration of various building components increase. Plumbing and electrical systems are becoming increasingly difficult to repair without major demolition of walls and ceilings. Delay in project accomplishment will increase the maintenance/repair cost.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION WHIDBEY ISLAND, WA		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 144 HOMES, CRESCENT CAPEHART		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-3-95-2	8. PROJECT COST (\$000) \$ 9,764	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	144	67.8	9,764
Area Cost Factor = 1.09				
10. Description of Proposed Construction This project encompasses wholesale repairs and revitalization to 144 enlisted capehart units at NAS Whidbey Island. Test for lead based paint and asbestos and abate or encapsulate as required. Work includes complete renovation of kitchens to include replacement of kitchen cabinets, countertops, sinks, and range hoods. Replacement of all interior/exterior doors and hardware and replacement of all floor covering, vinyl in the kitchen/baths and carpeting throughout the rest of the unit. Replace all bathtubs, sinks, and medicine cabinets, faucets and bath accessories. Replace all light fixtures. Remove all existing windows and replace with thermal efficient windows. Replace all electric baseboard heaters. Completely paint the interior of the unit and replace window coverings.				
11. REQUIREMENT: <u>PROJECT:</u> This project is required to correct health and safety deficiencies and to update and visually modernize these homes.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA		2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION WHIDBEY ISLAND, WA			
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 144 HOMES, CRESCENT CAPEHART		5. PROJECT NUMBER H-3-95-2	
<p>REQUIREMENT: These units were constructed in 1960 and lack many of the amenities found in comparable Navy or private sector housing. The work will include replacement of all existing wiring and upgrading to current electrical code. Replacement of all lighting fixtures with new energy efficient fixtures. Install overhead light fixtures in all bedrooms where currently none exist. Install new exterior siding and insulation to reduce maintenance costs. Replace all entry doors with energy efficient/positive seal doors to reduce energy consumption. Replace all storm doors and screens and install new locksets and deadbolts with removable cores. Replace all kitchen cabinets, countertops, sinks, flooring, light fixtures, and outlets. Replace closet/pantry doors which are accordion, type, easily damaged, and expensive to repair. Provide a dishwasher in each unit. Replace all tubs, sinks and toilets, and bath fixtures. Repair dry rot damage and install vinyl flooring in the kitchen and baths. Carpet all living areas in the unit, excluding baths and kitchen. Upgrade ceiling insulation in all units and prep and paint all interior surfaces. Enclose the carport and provide a storage shed on the rear of the carport for trash and recycling containers. Provide small entry porch and add limited concrete walkway. Provide lighted address sign on each residence and security lighting for each unit. Install curbs and gutter in the area and provide entry signage for the housing area.</p> <p>CURRENT SITUATION: These units were constructed in the 1960's and lack the amenities found in today's homes. The existing wiring is over 35 years old and unsuited for the demands of today's modern appliances. The existing lighting fixtures are small and energy inefficient. The T-111 wood siding is weathered and water damaged increase the amount of maintenance required. The exterior doors are worn and damaged, sticking doors are common making it difficult to open/close them. The kitchen cabinets are marred and worn and the countertops are scratched. The floors throughout the units are badly worn and marred and have been repaired with mismatched tiles over the years. Bathroom fixtures, including tubs, sinks, toilets, and medicine cabinets are scratched, stained, and worn from over thirty-five years of use. The existing windows are aluminum framed, single pane, and the meeting of warm interior air and cold air through the windows causes condensation to form on the glass and sash causing water to stand on the window sills and run down the walls causing damage and dryrot to the sections below. The closet doors are metal and are bent and damaged and no longer work properly. The units have insufficient exterior storage for personal items, trash and recycling containers. Front and sides of the units require landscaping. There are no existing curbs, gutters or sidewalks forcing residents to utilize the street for walkways. Children are also forced to ride their bikes on the street. The playground equipment is unsafe and in need of replacement.</p> <p>IMPACT IF NOT PROVIDED: The condition of the units will continue to deteriorate. As a result of advanced deterioration, maintenance costs will continue to escalate year after year. Inability to secure the residents personal items in lockable storage will continue to pose a security problem. Energy costs will be higher due to the condition of the window, doors, siding, and lack of adequate insulation. Lack of amenities, including adequate storage will adversely affect the morale of the military residents.</p>			

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL SECURITY GROUP ACTIVITY SUGAR GROVE, WV		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 50 HOMES, ON-STATION		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-1-95	8. PROJECT COST (\$000) \$ 3,985	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	50	79.6	3,985
Area Cost Factor = 1.40				

10. Description of Proposed Construction

Work involves renovation of kitchens and bathrooms; replacement of gutters, and downspouts; replacement of electrical wiring; relocation of trash enclosures/condensing units to the rear of the homes; replacement of exterior storage and trash enclosure doors; installation of covered patios; add front porches; and insulation of domestic hot water piping. Eight of the four bedroom homes will receive additional square footage to increase the size of the kitchen area and master bedroom. Twenty additional homes will be configured to allow for a larger kitchen area. Laundry area will be constructed on the side with storage facilities and the half bath will be relocated to the existing laundry. This project will also widen roadways; increase lighting level in the streets; provide open space areas and playgrounds; replace fencing; regrade fitness trail; provide street tree planting and upgrade landscape development. This project includes the adaptation of three homes to be handicapped accessible.

11. REQUIREMENT:

PROJECT: This project revitalizes 46 enlisted and 4 officer homes of duplex and townhomes style built on-station between 1968-1972. These homes are predominately concrete masonry homes.

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL SECURITY GROUP ACTIVITY SUGAR GROVE, WV		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 50 HOMES, ON-STATION	5. PROJECT NUMBER H-1-95	
<p>REQUIREMENT: These homes have not been revitalized since they were built. The maintenance and utility costs of these homes are increasing and they do not meet current standards. This project will extend the life of the homes another 25 years.</p> <p>CURRENT SITUATION: The homes have not received a whole-house renovation and all of the homes show signs of age and usage which is a result of frequent turnover. The kitchens lack modern amenities and an eat-in space commonly found in comparable Navy or private sector housing. The baths need revitalization. The insulation around the pipes is not sufficient for the weather conditions and is in need of repair. The floor plans need to be reconfigured to maximize the use of available space. The doors throughout the homes are in poor condition. There are insufficient sidewalks through the areas and the concrete and pavement are deteriorated. Uneven, cracked sidewalks and potholes in the streets are common place and pose a safety hazard. Insufficient lighting also poses a safety threat. The drainage and erosion problems are unsightly and are a hazard for the occupants.</p> <p>IMPACT IF NOT PROVIDED: These homes will not meet DOD standards. Quality of life, morale, readiness, and retention will be adversely affected. Without revitalization the homes will continue to deteriorate and eventually be unsuitable for occupancy.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION KEFLAVIK, IC		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION 10 HOMES, UPPER COMMISSARY, BLDG, 960		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-3-95	8. PROJECT COST (\$000) \$ 2,854	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	10	285.4	2,854
Area Cost Factor = 3.20				
10. Description of Proposed Construction The work includes the revitalization of kitchens and bathrooms with pressure regulated and utility conserving components. Replace plumbing and heating systems. Upgrade electrical system including outlets and lighting fixtures. Replace interior doors, floors, walls and ceilings throughout. Provide sound attenuation between homes. Expand storage and create 2 dayrooms. Provide washer and dryer hookups and new hot water systems. Provide sidewalks and new exterior lighting.				
11. REQUIREMENT: PROJECT: This project converts 22 two bedroom homes into 10 four bedroom homes and adds 2 dayrooms. This housing is for enlisted personnel in the Upper Commissary area. These are concrete homes with metal roofs built in 1969. REQUIREMENT: This project corrects all deficiencies in these homes and creates additional four bedroom homes.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL AIR STATION KEFLAVIK, IC		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION 10 HOMES, UPPER COMMISSARY, BLDG. 960	5. PROJECT NUMBER H-3-95	
<p>CURRENT SITUATION: The kitchens and baths are outdated and worn out. The plumbing and heating systems are starting to fail. The floors and doors are worn and need replacing. The hot water heating system needs replacement. The walls and ceiling are deteriorated and need replacement. The electrical system is substandard. There is insufficient sound attenuation between homes. Storage and laundry access are limited. Dayroom and community areas are absent in these housing areas and are much needed due to the long winters spent indoors. The sidewalks and exterior lighting do not meet needs during the winter.</p> <p>IMPACT IF NOT PROVIDED: Maintenance costs are growing as the home components age. Plumbing is a particular problem. The work is need to modify these homes to meet the unique local conditions of living in Iceland.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL STATION ROOSEVELT ROADS, PR		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 196 HOMES, CARIBE BREEZE (PHASE 2)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-3-95-2	8. PROJECT COST (\$000) \$ 13,581	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	196	69.3	13,581
Area Cost Factor = 1.05				
10. Description of Proposed Construction This project includes the revitalization of kitchens and baths. Provide additions to four bedroom homes to create better eating, laundry, and storage space. Replace windows, floors and doors. Replace air conditioning; upgrade the electrical system and interior lighting. Remove asbestos from kitchen floor. Build a new carport and provide new exterior finishes and improved exterior lighting. Construct a new covered entry to the homes; in the rear of the homes provide a patio with privacy fencing. Provide site landscaping. Provide site landscaping and improved drainage. Repair driveways, sidewalks, roads, and curbs. Repair utility transformers and water lines. Add recreational facilities.				
11. REQUIREMENT: PROJECT: This project revitalizes 196 enlisted homes in the Caribe Breeze housing neighborhood. These homes are duplexes and four-plexes built of reinforced concrete masonry. REQUIREMENT: This project will provide all necessary wholehouse repairs and improvements to 196 enlisted homes to correct all major architectural, mechanical, and electrical deficiencies as well as provide homes that are energy efficient with a quality supporting infrastructure.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL STATION ROOSEVELT ROADS, PR		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 196 HOMES, CARIBE BREEZE (PHASE 2)	5. PROJECT NUMBER H-3-95-2	
<p>CURRENT SITUATION: Only minor work has been accomplished on these homes since they were built. The kitchens and baths need revitalization. The floors, doors and the electrical system are below standards. Windows and the air conditioning system needs replacement. Floor tiles have asbestos that needs to be abated. The homes lack a covered entry and a private patio area. The landscaping is sparse and drainage is poor. Site utilities need upgrades. The paved circulation system is deteriorated and needs repair. Recreational facilities are insufficient for the demand.</p> <p>IMPACT IF NOT PROVIDED: Repair and maintenance costs are increasing as the deterioration of various building components increase. The homes will not meet the acceptable standards of living with respect to efficiency, convenience and design standards.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL STATION ROOSEVELT ROADS, PR		4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 97 HOMES, CASCAJO POINT (PHASE 2)		
5. PROGRAM ELEMENT 0808742N	6. CATEGORY CODE 711	7. PROJECT NUMBER H-4-95-2	8. PROJECT COST (\$000) \$ 8,197	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
WHOLE-HOUSE REVITALIZATION	EA	97	84.5	8,197
Area Cost Factor =1.05				
10. Description of Proposed Construction This work includes the revitalization of kitchens and baths. Includes interior reconfiguration to better utilize kitchen, laundry, and storage space. Provides an upgrade of electrical systems, and replacement of all windows, doors, and floors. Adds ceiling fans and exhaust fans. Provide new hot water heaters and a new roof. Add covered front entrances. Add patios, storage, and privacy fencing to the rear of the homes. Site work includes new road paving and signs, exterior lighting, play areas, trails, landscaping and irrigation. Provide fencing and exterior storage.				
11. REQUIREMENT: <u>PROJECT:</u> This project revitalizes 97 officer homes built in 1959. These are concrete masonry single family homes of two, three and four bedrooms in the Cascajo Point neighborhood. <u>REQUIREMENT:</u> Only minor interior and exterior work has been performed on these homes since they were built. This work is necessary to meet DOD standards and to improve the quality of living conditions.				

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION NAVAL STATION ROOSEVELT ROADS, PR		
4. PROJECT TITLE WHOLE-HOUSE REVITALIZATION OF 97 HOMES, CASCAJO POINT (PHASE 2)	5. PROJECT NUMBER H-4-95-2	
<p>CURRENT SITUATION: These homes have outdated kitchens and baths. The layout of these units is inefficient and lacks storage and laundry space. The doors, floors and windows are all past their normal life expectancy. The roof and exterior need upgrade to protect the home and improve the exterior appearance. The rear of the homes lack outdoor living areas or privacy. The landscaping is poor. The circulation system in the neighborhood is old and inefficient. Walkways are insufficient and children lack play areas. The absence of crosswalks, signs and paths to connect pedestrian traffic are drawbacks to this neighborhood.</p> <p>IMPACT IF NOT PROVIDED: Repair and maintenance costs are increasing as the deterioration of various building components increase. Further delays to the repairs of the homes may lead to further deterioration of unit components. The homes will not meet DoD standards; morale and retention will be adversely impacted.</p> <p>ADDITIONAL: This project is consistent with DOD housing standards and is supported by an economic and requirements analysis. This project will improve the energy efficiency of these homes and reduce maintenance costs.</p>		

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION CHERRY POINT, NC		4. PROJECT TITLE WHOLEHOUSE REVITALIZATION HANCOCK VILLAGE, PHASE I		
5. PROGRAM ELEMENT IMPROVEMENTS	6. CATEGORY CODE 711	7. PROJECT NUMBER CP-H-9602-M2	8. PROJECT COST (\$000) \$ 13,533.0	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING REVITALIZATION	EA	192	70.5	13,533.0
Area Cost Factor = 0.92				
10. DESCRIPTION OF PROPOSED CONSTRUCTION This project provides for whole house revitalization to 192 junior enlisted Wherry family housing units located at Hancock Village at MCAS Cherry Point. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural, architectural and site improvements; and interior, exterior, and site repairs.				
11. <u>REQUIREMENT:</u> <u>PROJECT:</u> This project provides whole house improvements and repairs to 192 junior enlisted Wherry units located in Hancock Village at MCAS Cherry Point. This project represents the first of two phases for the revitalization of this housing area. <u>REQUIREMENT:</u> To extend the useful life of these Wherry units constructed in 1952. To improve quality of life for the occupants that live in these quarters, including amenities and support facilities by providing quarters that meet current standards of energy conservation, size, habitability, safety, and health. <u>CURRENT SITUATION:</u> Lead based paint needs to be abated. Heating, Ventilation, and Air Conditioning units are old and inefficient. The electrical system does not meet the current National Electric Code. Lighting in many of the units is old, inefficient, and does not meet proper illumination levels for a residence. Deterioration of weather stripping and insulation has led to increased energy consumption. Kitchens and baths are antiquated and				

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION CHERRY POINT, NC		
4. PROJECT TITLE IMPROVEMENTS	5. PROJECT NUMBER CP-H-9602-M2	

CURRENT SITUATION: (continued)

poorly configured. Cabinetry, doors, windows, and built in appliances are obsolete, badly worn, outdated, and/or no longer structurally sound or energy efficient. Units do not feature modern appliances, typically found in new construction, such as garbage disposals or dishwashers.

IMPACT IF NOT PROVIDED: If this project is not implemented, habitability problems, caused by the lack of necessary modern-day amenities, will continue to negatively affect tenant morale. Maintenance and high energy costs will continue to increase. Uncorrected potential safety hazards and occupant dissatisfaction will continue to increase. Quality of life of military families will continue to decline.

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC		4. PROJECT TITLE RENOVATE TWO-STORY QUARTERS w/CARPORTS PARADISE POINT		
5. PROGRAM ELEMENT IMPROVEMENT	6. CATEGORY CODE 711	7. PROJECT NUMBER LE-H-9902-R2	8. PROJECT COST (\$000) \$ 3,149.0	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING REVITALIZATION	EA	58	54.3	3,149.0
Area Cost Factor = 0.90				
10. Description of Proposed Construction This project provides for whole house revitalization to 58 officer family housing Two Story units with carports located at Paradise Point and Hospital Point at MCB Camp Lejeune. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural and architectural improvements; interior and exterior repairs; and removal of lead-based paint.				
11. REQUIREMENT: <u>PROJECT:</u> This project encompasses whole house revitalization to 58 pre-1950 company grade officer units at Marine Corps Base, Camp Lejeune, NC. <u>REQUIREMENT:</u> Replace failing mechanical and plumbing systems and appliances; make structural improvements; replace and upgrade outdated electrical systems and fixtures; redesign kitchen and bathroom layouts; replace kitchen cabinets; demolish plaster on interior walls and ceilings and replace with gypsum board; replace wood trim, doors, shelving, vanities and all lead-based paint coated wood surfaces throughout the interior; and remove lead-based paint and repair painted surfaces of porches. <u>CURRENT SITUATION:</u> These units were constructed in 1947. Lead-based paint hazards need to be removed. Heating, Ventilation, and Air-Conditioning systems are old and inefficient. The electrical system does not meet the current National Electric Code. These units lack a modern kitchen area and are poorly designed. Light fixtures are old, outdated and inefficient. Bathroom fixtures and cabinets are outdated. Change of occupancy costs are excessive due to OSHA and EPA regulations concerning the handling and disposal of lead-based paint.				

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC		
4. PROJECT TITLE IMPROVEMENTS	5. PROJECT NUMBER LE-H-9902-R2	

IMPACT IF NOT PROVIDED: Failure to authorize this project will result in the further deterioration and obsolescence of these units. Maintenance and high energy costs will continue to increase. Occupants will be at risk as deteriorating lead-based paint will result in lead-based paint hazards. Change of occupancy costs will continue to be excessive due to compliance with OSHA and EPA regulations associated with the handling and disposal of lead-based paint. Uncorrected potential safety hazards and occupant dissatisfaction will continue to increase. The morale and quality of life of military families will continue to decline.

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC		4. PROJECT TITLE WHOLEHOUSE REVITALIZATION, MULTIPLEX UNITS TARAWA TERRACE, PHASE I		
5. PROGRAM ELEMENT IMPROVEMENTS	6. CATEGORY CODE 711-20	7. PROJECT NUMBER LE-H-0004-R2	8. PROJECT COST (\$000) \$ 17,417.0	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
FAMILY HOUSING REVITALIZATION	EA	222	78.5	17,417
Area Cost Factor = 0.90				
10. DESCRIPTION OF PROPOSED CONSTRUCTION This project provides for whole house revitalization to 222 junior enlisted Wherry family housing units located at Tarawa Terrace at MCB Camp Lejeune. The work includes upgrading fixtures and electrical, plumbing and mechanical systems; structural, architectural and site improvements; and interior, exterior, and site repairs.				
11. REQUIREMENT: <u>PROJECT:</u> This project provides whole house improvements and repairs to 222 junior enlisted Wherry units located in Tarawa Terrace at MCB Camp Lejeune. This project represents the first of multiple phases for the revitalization of this housing area. <u>REQUIREMENT:</u> To extend the useful life of these Wherry units constructed in 1952. This project is required to upgrade the electrical, mechanical, plumbing systems, kitchen and bathroom cabinets, painting, floor finishes, exterior doors and windows. To improve quality of life for the occupants that live in these quarters, including amenities and support facilities by providing quarters that meet current standards of energy conservation, size, habitability, safety, and health. Site requires upgrades to sewer laterals and drainage; streetlight replacement, construction of privacy fencing, tot lots, street furniture, and a basketball court. <u>CURRENT SITUATION:</u> Lead based paint needs to be abated. Heating, Ventilation, and Air Conditioning units are old and inefficient. The electrical system does not meet the current National Electric Code. Lighting in				

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NC		
4. PROJECT TITLE IMPROVEMENTS	5. PROJECT NUMBER LE-H-0004-R2	

CURRENT SITUATION: (continued)

many of the units is old, inefficient, and does not meet proper illumination levels for a residence. Deterioration of weather stripping and insulation has led to increased energy consumption. Kitchens and baths are antiquated and poorly configured. Cabinetry, doors, windows, and built in appliances are obsolete, badly worn, outdated, and/or no longer structurally sound or energy efficient. Units do not feature modern appliances, typically found in new construction, such as garbage disposals or dishwashers. The neighborhood has deteriorated to the point that quality of life is significantly diminished for the Marines and their dependents living in Tarawa Terrace.

IMPACT IF NOT PROVIDED: If this project is not implemented, habitability problems, caused by the lack of necessary modern-day amenities, will continue to negatively affect tenant morale and the Marine Corps' ability to retain trained Marines in an all volunteer force. Maintenance and high energy costs will continue to increase. Uncorrected potential safety hazards and occupant dissatisfaction will continue to increase. Quality of life of military families will continue to decline.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - FY 1999 BUDGET ESTIMATE
ADVANCE PLANNING AND DESIGN

(In Thousands)

FY 1999 Program \$15,618
FY 1998 Program \$13,100

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports, and final design drawings for construction projects (authorized or not yet authorized). This includes the use of architectural and engineering services in connection with any family housing new construction or construction improvements.

Program Summary

The amount requested will enable full execution of the construction program. Authorization is requested for appropriation of \$15,618,000 (\$15,618,000 for Navy and \$0 for Marine Corps) to fund new construction and improvements design requirements.

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1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA			2. DATE
3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS VARLOCS INSIDE AND OUTSIDE UNITED STATES		4. PROJECT TITLE FAMILY HOUSING ADVANCE PLANNING AND DESIGN		
5. PROGRAM ELEMENT VARIES	6. CATEGORY CODE VARIES	7. PROJECT NUMBER VARIES	8. PROJECT COST (\$000) \$ 15,618	
9. COST ESTIMATES				
ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
ADVANCE PLANNING AND DESIGN		---	---	
NEW CONSTRUCTION	L/S	---	---	(1,848)
IMPROVEMENTS	L/S	---	---	(13,770)
TOTAL REQUEST				15,618
10. Description of Proposed Construction 10 USC authorizes funding for architectural and engineering services and construction design of military family housing new construction and construction improvement projects.				
11. <u>REQUIREMENT</u> : VARIES All project estimates are based on sound engineering and the best cost data available. Design is initiated to establish project estimates authorized or not yet authorized in advance of program submittal to the Congress. At the preliminary design, final plans and specifications are then prepared. The request includes costs for architectural and engineering services, turnkey evaluation, and construction design.				
<u>IMPACT IF NOT PROVIDED</u> : Project execution schedules for Fiscal Years 1998, 1999 and 2000 will not be met. This will result in costly change orders.				

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DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1999 BUDGET ESTIMATE
OPERATION AND MAINTENANCE

	(\$000)
FY 1999 Program	\$801,506
FY 1998 Program	\$859,108

Purpose and Scope

a. Operation. This portion of the program provides for expenses in the following sub-accounts:

Management. Includes direct and indirect expenses incident to the administration of the family housing program such as housing office personnel and operations, administrative support, training, travel, programming and studies, and community liaison. All housing referral costs are also included, although the housing referral program assists personnel in locating housing in the private community, and is not related to the operation or management of military family housing units.

Services. Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services for common areas, snow removal and street cleaning.

Furnishings. Includes the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

Miscellaneous. Includes work or services performed for the benefit of family housing occupants, including mobile home hook-ups and disconnections, for which reimbursement will be received; payments to the U. S. Coast Guard for Navy occupancy of Coast Guard housing; and United Kingdom accommodation charges.

b. Utilities. Includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage. Excludes telephone services.

c. Maintenance. This portion of the program supports the upkeep of family housing real property, as follows:

Maintenance/Repair of Dwelling. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, interior and exterior painting, and major repairs.

Other Real Property. Includes maintenance, repair and replacement of electrical, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified. Also includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas and family housing community facilities.

Alterations and Additions. Includes minor incidental improvements to dwellings or other real property performed under the authority of 10 USC 2805. Larger scope or higher dollar value items are funded in the construction program.

Program Summary

Authorization is requested for an appropriation of \$780,138,000. This amount, together with estimated reimbursements of \$21,368,000, will fund the Fiscal Year 1999 program of \$801,506,000.

A summary of the funding program for Fiscal Year 1999 follows (in thousands):

<u>Appropriation Request</u>						<u>Reimburse-</u>	<u>Total</u>
	<u>Operations</u>	<u>Utilities</u>	<u>Maintenance</u>	<u>Total</u>	<u>ments</u>	<u>Program</u>	
Navy	\$148,439	145,014	346,215	639,668	18,368	658,036	
Marine Corps	\$ 32,213	39,505	68,752	140,470	3,000	143,470	
Total DON	\$180,652	184,519	414,967	780,138	21,368	801,506	

JUSTIFICATION:

The Department of Navy family housing budget requests the minimum essential resources needed to provide military families with adequate housing either through the private community or in government quarters. Navy and Marine Corps installations are generally located in the high cost, coastal areas. Accordingly, the over inflated cost of adequate housing in these areas causes many of our military families to reside in facilities that lack even the minimal amenities expected in a home. Therefore, increased emphasis is being placed on the proper funding of the family housing Operations and Maintenance program.

The Fiscal Year 1999 estimated program was formulated utilizing the Office of Management and Budget's published inflationary factors and foreign currency exchange rates.

**DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY AND MARINE CORPS
FY 1999 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE**

	FY 1997	FY 1998	FY 1999			
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost
A. INVENTORY DATA						
Units in Beginning of Year	95,453		93,920		87,745	
Units at End of Year	93,920		87,745		85,429	
Average Inventory for Year	94,687		90,833		86,587	
Requiring O&M Funding						
a. Conterminous U.S.	72,732		69,475		65,777	
b. U.S. Overseas	13,477		13,169		12,955	
c. Foreign	8,478		8,189		7,856	
d. Worldwide	94,687		90,833		86,588	
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	88,707	937	87,731	966	82,331	951
(2) Services	67,413	712	66,968	737	64,829	749
(3) Furnishings	34,621	366	34,211	377	33,199	383
(4) Miscellaneous	1,290	14	806	9	293	3
Subtotal Direct Obligations	192,031	2,028	189,716	2,089	180,652	2,086
Anticipated Reimbursements	5,411	57	5,682	63	5,701	66
Estimated Gross Obligations	197,442	2,085	195,398	2,151	186,353	2,152
2. UTILITIES						
Anticipated Reimbursements	5,602	59	5,344	59	5,364	62
Estimated Gross Obligations	210,569	2,224	193,420	2,129	189,883	2,193
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	430,154	4,543	388,649	4,279	359,148	4,148
b. Exterior Utilities	30,197	319	27,220	300	25,090	290
c. Maintenance & Repair of Other	43,556	460	35,494	391	39,586	457
Real Property						
d. Alterations and Additions	12,047	127	11,064	122	10,108	117
Subtotal Direct Obligations	515,954	5,449	462,427	5,091	414,967	4,792
Anticipated Reimbursements	10,199	108	10,263	113	10,303	119
Estimated Gross Obligations	526,153	5,557	472,690	5,204	425,270	4,911
4. GRAND TOTAL, O&M - Direct Obligation						
Anticipated Reimbursements	21,212	224	21,289	234	21,368	247
6. GRAND TOTAL, O&M - Gross Obligations						
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost

DEPARTMENT OF THE NAVY FAMILY HOUSING, NAVY FY 1999 OPERATIONS AND MAINTENANCE (EXCLUDES LEASED UNITS AND COSTS) GEOGRAPHIC - WORLDWIDE						
	FY 1997		FY 1998		FY 1999	
A. INVENTORY DATA	Total	Unit	Total	Unit	Total	Unit
Units In Beginning of Year	70,330		68,343		62,020	
Units at End of Year	68,343		62,020		61,826	
Average Inventory for Year	69,337		65,182		61,923	
Requiring O&M Funding						
a. Contiguous U.S.	50,105		46,638		44,020	
b. U.S. Overseas	11,290		10,891		10,650	
c. Foreign	7,942		7,653		7,254	
d. Worldwide	69,337		65,182		61,924	
	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost	Total (\$000)	Unit Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	74,077	1,068	73,666	1,130	67,766	1,094
(2) Services	53,018	765	52,206	801	50,283	812
(3) Furnishings	31,573	455	31,091	477	30,097	486
(4) Miscellaneous	1,290	19	806	12	293	5
Subtotal Direct Obligations	159,958	2,307	157,769	2,420	148,439	2,397
Anticipated Reimbursements	4,002	58	4,282	66	4,301	69
Estimated Gross Obligation	163,960	2,365	162,051	2,486	152,740	2,467
2. UTILITIES	163,018	2,351	148,339	2,276	145,014	2,342
Anticipated Reimbursements	4,433	64	4,744	73	4,764	77
Estimated Gross Obligations	167,451	2,415	153,083	2,349	149,778	2,419
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	366,719	5,289	333,446	5,116	304,483	4,917
b. Exterior Utilities	29,497	425	26,820	411	24,490	395
c. Maintenance & Repair of Other	32,271	465	29,221	448	26,684	431
Real Property						
d. Alterations and Additions	11,768	170	10,809	166	9,833	159
Subtotal Direct Obligations	440,255	6,350	400,296	6,141	346,215	5,902
Anticipated Reimbursements	8,659	125	9,263	142	9,303	150
Estimated Gross Obligations	448,914	6,474	409,559	6,283	355,518	6,052
4. GRAND TOTAL, O&M - Direct Obligations	763,231	11,008	706,404	10,837	639,668	10,641
5. GRAND TOTAL -						
Anticipated Reimbursements	17,094	247	18,289	281	18,368	297
7.GRAND TOTAL, O&M - Gross Obligations	780,325	11,254	724,693	11,118	658,036	10,938

**DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 1999 OPERATIONS AND MAINTENANCE
(EXCLUDES LEASED UNITS AND COSTS)
GEOGRAPHIC - WORLDWIDE**

	FY 1997		FY 1998		FY 1999	
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost
A. INVENTORY DATA						
Units in Beginning of Year	25,123		25,577		25,725	
Units at End of Year	25,577		25,725		23,603	
Average Inventory for Year	25,350		25,651		24,664	
Requiring O&M Funding						
a. Conterminous U.S.	22,627		22,837		21,757	
b. U.S. Overseas	2,187		2,278		2,305	
c. Foreign	537		536		602	
d. Worldwide	25,350		25,651		24,664	
	Total	Unit	Total	Unit	Total	Unit
	(\$000)	Cost	(\$000)	Cost	(\$000)	Cost
B. FUNDING REQUIREMENT						
1. OPERATIONS						
a. Operating Expenses						
(1) Management	14,630	577	14,065	548	14,565	591
(2) Services	14,395	568	14,762	575	14,546	590
(3) Furnishings	3,048	120	3,120	122	3,102	126
(4) Miscellaneous	0	0	0	0	0	0
Subtotal Direct Obligations	32,073	1,265	31,947	1,245	32,213	1,306
Anticipated Reimbursements	1,409	56	1,400	55	1,400	57
Estimated Gross Obligations	33,482	1,321	33,347	1,300	33,613	1,363
2. UTILITIES						
Anticipated Reimbursements	1,169	46	600	23	600	24
Estimated Gross Obligations	43,118	1,701	40,337	1,596	40,105	1,626
3. MAINTENANCE						
a. Maintenance & Repair of Dwellings	63,435	2,502	55,203	2,152	54,665	2,229
b. Exterior Utilities	700	28	400	16	600	24
c. Maintenance & Repair of Other	11,285	445	6,273	245	12,902	523
Real Property						
d. Alterations and Additions	279	11	255	10	275	11
Subtotal Direct Obligations	75,699	2,986	62,131	2,422	68,752	2,788
Anticipated Reimbursements	1,540	61	1,000	39	1,000	41
Estimated Gross Obligations	77,239	3,047	63,131	2,461	69,752	2,828
4. GRAND TOTAL, O&M - Direct Obligation						
Anticipated Reimbursements	4,118	162	3,000	117	3,000	122
6. GRAND TOTAL, O&M - Gross Obligations						
	153,839		6,069		137,415	
					5,357	
					143,470	
						5,817

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DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
REAL PROPERTY ACTIVITIES
FY 1999 BUDGET
OPERATION AND MAINTENANCE COSTS
(HISTORIC HOUSING COSTS)
(\$000)

HISTORIC HOUSING COSTS	<u>FY 1998</u>	<u>FY 1999</u>
A. Number of Units	370	300
B. Maintenance	3,832.9	2,747.1
C. Repairs	6,356.0	5,452.0
D. Improvements	<hr/>	<hr/>
E. Grand Total	10,188.9	8,199.1

REAL PROPERTY MAINTENANCE ACTIVITIES
 FY 1999 BUDGET
 OPERATION & MAINTENANCE
 Real Property Maintenance and Minor Construction Projects
 (HISTORICAL BUILDINGS COSTS)
 US MARINE CORPS

PART I: HISTORIC HOUSING COSTS

	<u>FY 1998</u>	<u>FY 1999</u>
A. No. of Units:	1	1
B. Improvements:	0	0
C. Maintenance and Repair:	62,800	61,000
D. Historic Preservation:	(0)*	0
 A. No. of Units:	 0	 0
B. Improvements:	0	0
C. Maintenance and Repair:	0	0
D. Historic Preservation:	0	(0)*

PART II: ALL OTHR HISTORIC BUILDINGS

A. No. of Facilities:
 B. Minor Construction
 C. Major Repair (over \$25,000.0):
 D. Recurring Maintenance (\$25,000 or under):

*Historic preservation costs are a subset of the total maintenance and repair costs.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1999 BUDGET ESTIMATE
JUSTIFICATION
NAVY

OPERATING EXPENSES

<u>FY 1998</u>	<u>FY 1999</u>
\$157,769,000	\$148,439,000

The FY 1999 estimated program represents the Navy Family Housing requirements using Office of Management and Budget inflation factors and foreign currency exchange ranges. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

<u>FY 1998</u>	<u>FY 1999</u>
\$73,666,000	\$67,766,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	73.7
2. FY 1998 Appropriated Amount	73.7
3. FY 1998 Current Estimate	73.7
4. Price Growth	1.5
a. Inflation	(1.5)
5. Program Decreases	-9.4
a. inventory reduction	(-2.2)
b. management initiative	(-3.7)
c. transfer to MPN account for PPV	(- .5)
d. transfer for other Navy programs	(-3.0)
6. Program Increases	2.0
a. inventory increase	(2.0)
7. FY 1999 President's Budget Request	67.8

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT. Pricing adjustments are proposed in the Management Account for pay raises and inflation increases. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures and management initiatives such as regional maintenance contracts and centralized housing referral, showing services, self-help services and furnishings inventory control initiatives that will result in operating efficiencies. Funds have been realigned to the MPN account to fund housing allowances for families living in Navy family housing which will be privatized.

SERVICES

	<u>FY 1998</u>	<u>FY 1999</u>
	\$52,206,000	\$50,283,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	52.2
2. FY 1998 Appropriated Amount	52.2
3. FY 1998 Current Estimate	52.2
4. Price Growth	.7
a. inflation	(.7)
5. Program Decrease	-4.1
a. inventory reduction	(-1.6)
b. management initiative	(-2.2)
c. transfer to MPN account for PPV	(-.3)
6. Program Increases	1.5
a. inventory increase	(1.5)
7. FY 1999 President's Budget Request	50.3

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT. Pricing adjustments are proposed in the Services Account for NWCF and inflation increases. Program increase is for new homes coming on line. Program decrease reflects inventory losses due to divestitures and management initiatives such as regional maintenance contracting and centralized housing referral that will result in operating efficiencies. In addition, funds have been realigned to the MPN account to fund housing allowances for families living in Navy family housing which will be privatized.

FURNISHINGS

	<u>FY 1998</u>	<u>FY 1999</u>
	\$31,091,000	\$30,097,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	31.1
2. FY 1998 Appropriated Amount	31.1
3. FY 1998 Current Estimate	31.1
4. Price Growth	.7
a. inflation	(.7)
5. Program Decrease	-2.6
a. inventory reduction	(-1.0)
b. management initiative	(-1.5)
c. transfer to MPN account for PPV	(-.08)
6. Program Increase	.9
a. inventory increase	(.9)
7. FY 1999 President's Budget Request	30.1

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT. Pricing adjustments are proposed in the Furnishings Account for pay raises, NWCF and inflation increases. Program increase is for new homes coming on line. In addition, funds have been realigned to the MPN account from savings generated by efficiencies by the use of more energy efficient homes and appliances to fund housing allowances for families living in Navy family housing which will be privatized.

MISCELLANEOUS

	<u>FY 1998</u>	<u>FY 1999</u>
	\$ 806,000	\$ 293,000

Reconciliation of Increases and Decreases		(\$M)
1. FY 1998 President's Budget Request		.8
2. FY 1998 Appropriated Amount		.8
3. FY 1998 Current Estimate		-.5
4. Program Decrease	(-.5)	
a. inventory reduction		.3
5. FY 1999 President's Budget Request		

RATIONALE FOR CHANGES IN THE MISCELLANEOUS ACCOUNT. Program decrease reflects reduction in occupancy of Coast Guard housing.

UTILITIES

	<u>FY 1998</u>	<u>FY 1999</u>
	\$148,339,000	\$145,014,000

Reconciliation of Increases and Decreases		(\$M)
1. FY 1998 President's Budget Request		148.3
2. FY 1998 Appropriated Amount		148.3
3. FY 1998 Current Estimate		148.3
4. Price Adjustments		-1.2
a. inflation	(1.9)	
b. Navy capital working fund (NCWF)	(-3.1)	
5. Program Decreases		-5.1
a. reduced consumption	(-2.4)	
b. NWCF Rates and Fuel Inflation	(-1.9)	
d. transfer to MPN account for PPV	(- .8)	
6. Program Increases		3.0
a. inventory increase	(3.0)	
7. FY 1999 President's Budget Request		145.0

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT. Pricing adjustments are proposed in the Utilities Account for NWCF and inflation. Program increase is for new homes coming on line. The program decreases are due to energy conservation achieved through provision of energy efficient appliances and HVAC systems, energy conservation measures incorporated in new construction and revitalization projects, aggressive occupant energy conservation awareness, and inventory losses due to divestitures. Installation commanders continue to lean forward to support innovative ideas for energy conservation. Funds have been realigned to the MPN account to fund housing allowances for families living in Navy family housing which will be privatized. In addition, funds have been decreased due to Working Capital Fund rates and fuel inflation rates.

MAINTENANCE

	<u>FY 1998</u>	<u>FY 1999</u>
	\$400,296,000	\$346,215,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	400.3
2. FY 1998 Appropriated Amount	400.3
3. FY 1998 Current Estimate	400.3
4. Price Growth	7.2
a. Inflation	(7.2)
5. Program Decrease	-72.1
a. inventory reduction	(-11.7)
b. transfer to MPN account for PPV	(- 2.2)
c. Foreign Currency Rates	(-19.3),
d. management initiative	(-38.9)
6. Program Increase	10.8
a. inventory increase	(10.8)
7. FY 1999 President's Budget Request	346.2

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT. Pricing adjustments are proposed in the Maintenance Account for NWCF and inflation. Program increase is for new homes coming on line. Reductions to the Family Housing account result from: early divestiture of housing units at base closure sites resulted in program savings; HAC report language allowing savings from foreign currency reestimates in Family Housing O&M accounts to be applied to maintenance of existing family housing units; and adjustments to the Family Housing account due to FY98 OMB inflation reestimates. In addition, funds have been realigned to the MPN account to fund housing allowances for families in Navy family housing which will be privatized.

REIMBURSABLE AUTHORITY

<u>FY 1998</u>	<u>FY 1999</u>
\$18,289,000	\$18,368,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	18.3
2. FY 1998 Appropriated Amount	18.3
3. FY 1998 Current Estimate	18.3
4. Price Growth	.4
a. inflation	(.4)
5. Program Decrease	-.8
a. inventory reduction	(-.6)
b. management initiative	(-.2)
6. Program Increase	.5
a. inventory increase	(.5)
5. FY 1999 President's Budget Request	18.4

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT. Funding adjustments are proposed in the Family Housing Reimbursable Account for inflation. Program decreases reflect inventory losses due to divestitures and management initiatives ensuring that housing residents are made aware of their responsibilities for upkeep of their units. Program increase is for new homes coming on line.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1999 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

OPERATING EXPENSES

<u>FY 1998</u>	<u>FY 1999</u>
\$31,947,000	\$32,213,000

The FY 1999 estimated program represents the Marine Corps family housing requirements using Office of the Management and Budget inflation factors and foreign currency exchange rates. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

<u>FY 1998</u>	<u>FY 1999</u>
\$14,065,000	\$14,565,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	14.1
2. FY 1998 Appropriated Amount	14.1
3. FY 1998 Current Estimate	14.1
4. Price Growth	.5
a. Inflation	(.2)
b. Pricing adjustment	(.3)
5. Program Growth	1.0
a. New units coming on line	(1.0)
6. Program Decrease	-1.0
a. Inventory reduction	(-1.0)
7. FY 1999 President's Budget Request	14.6

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT.

The Management Account funding adjustments reflect pricing and program increases associated with the new and existing units. Funding obligations for direct and indirect expenses in managing the family housing program such as personnel payroll, pay increases, increased housing referral services, community liaison, maintenance and equipment support for the Real Property Maintenance/Family Housing System (RPM/FHS) computer initiative, training, and travel. Pricing adjustments reflect administrative costs increased for support to base offices outside Family Housing for purchasing, contracting, regional automated service centers, field headquarters offices and PWCs, increased vehicles leases, and ADP support. Program decrease reflects reduced management support for inventory reduction for BRAC units.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1999 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

SERVICES

	FY 1998	FY 1999
	\$14,762,000	\$14,546,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	14.8
2. FY 1998 Appropriate Amount	14.8
3. FY 1998 Current Estimate	14.8
4. Price Growth	.2
a. Inflation	(.2)
5. Program Growth	.8
a. Contractual increases for new units on line	(.8)
6. Program Decrease	(-1.3)
a. Inventory reduction	(-1.3)
6. FY 1999 President's Budget Request	14.5

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT

The Services Account reflects an increase using the approved inflationary factors and costs associated with the existing units and newly acquired units service contracts. Funding increases also include indirect support costs for fire and police protection, and costs associated with providing pest control, street cleaning, snow removal, refuse collection, trash disposal for newly acquired units, newly enacted city, county or state ordinances. Program decrease reflects reduced services for BRAC units.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1998 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

FURNISHINGS

	FY 1998	FY 1999
	\$3,120,000	\$3,102,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	3.1
2. FY 1998 Appropriated Amount	3.1
3. FY 1998 Current Estimate	3.1
4. Price Growth	.1
a. Inflation	(.1)
5. Program Decrease	(-.1)
a. Inventory reduction	(-.1)
6. FY 1999 President's Budget Request	3.1

RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT.

The Furnishings Account request reflects a program decrease based on the inventory reduction due to BRAC. The funds requested will enable a consistent inventory level.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1998 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

UTILITIES

	FY 1998	FY 1999
	\$40,337,000	\$39,505,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	41.2
2. Price Decrease	-.9
a. Fuel	(-.9)
3. FY 1998 Appropriated Amount	40.3
4. FY 1998 Current Estimate	40.3
5. Price Growth	.6
a. Inflation	(.6)
6. Program Growth	3.4
a. New units coming on line	(3.4)
7. Price Decrease	-2.2
a. Purchase inflation	(-2.2)
8. Program Decrease	-2.6
a. Reduced consumption	(-.4)
b. Energy conservation	(-.2)
c. Reduction for burden sharing	(-.3)
d. Inventory reduction	(-1.7)
7. FY 1999 President's Budget Request	39.5

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT.

The Utilities Account proposes a funding adjustment for base operating funding and price increases for existing units, program and price increases and decreases for costs associated with providing electricity, gas, water, and sewage for newly acquired or constructed units, and inflation. Program increases are due to costs associated with new units coming on line. Program decreases reflect increased funding from the Government of Japan for burden sharing for utility usage at MCAS Iwakuni, Japan, reduced consumption in accordance with Executive Order 12902 of 30% by 2005, and energy conservation. The Marine Corps continues to stress energy conservation through provision of energy efficient appliances and HVAC systems, energy conservation measures incorporated in new construction and revitalization projects, and aggressive occupant energy conservation awareness programs.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1999 BUDGET ESTIMATE
JUSTIFICATION

MAINTENANCE EXPENSES

	FY 1998	FY 1999
	\$62,131,000	\$68,752,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Request	62.1
2. FY 1998 Appropriated Amount	62.1
3. FY 1998 Current Estimate	62.1
4. Price Growth	1.0
a. Inflation	(1.0)
5. Program Growth	10.6
a. New units coming on line	(1.1)
b. Backlog reduction	(9.5)
6. Program Decrease	(-5.0)
a. Program reduction	(-5.0)
7. FY 1999 President's Budget Request	68.7

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT.

Funding estimate proposed in the Maintenance Account provides for price increases associated with inflation required to maintain over 23,000 new and existing family housing units. Program increases are costs associated with maintenance service contracts to allow for maintaining the basic level of occupant service calls, change of occupancy, routine maintenance for new and existing family housing units. Increased funding is required for annual maintenance contracts, minor repair projects (less than \$15K), self-help materials, and energy conservation projects. This funding profile is necessary to prevent the deterioration of our housing assets resulting in the degradation of the quality of life for our Marine families, the closure of units and greater financial outlays in the out-years. Program decrease reflects reductions of maintenance requirements for inventory reduction due to BRAC.

DEPARTMENT OF THE NAVY
FAMILY HOUSING - 1999 BUDGET ESTIMATE
JUSTIFICATION

MARINE CORPS

REIMBURSEMENTS

	FY 1998	FY 1999
	\$3,000,000	\$3,000,000

Reconciliation of Increases and Decreases

	(\$M)
1. FY 1998 President's Budget Estimate	3.0
2. FY 1998 Appropriated Amount	3.0
3. FY 1998 Current Estimate	3.0
4. FY 1999 President's Budget Request	3.0

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT.

The FY 1999 estimate reflects stable requirement for collections.

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES		
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS	5. PROJECT NUMBER	

DEPARTMENT OF THE NAVY
FY 1999 BUDGET
GENERAL/FLAG OFFICERS QUARTERS (GFOQs)
WHERE ANTICIPATED MAINTENANCE AND REPAIR
WILL EXCEED \$25,000 PER UNIT

This information is provided in accordance with the reporting requirement established by the Conference Appropriations Committee Report dated 21 December 1987. The information provides the details for those GFOQs where the maintenance and repair obligations in FY 1999 are expected to exceed \$25,000 per unit. Operations include the prorated costs for management of family housing, services such as fire and police protection, refuse collection, entomology, snow removal, and furnishings. Utilities include applicable costs for energy (electricity, gas, fuel oil, steam, and geothermal), water and sewerage. Maintenance and repairs include recurring work such as service calls, preventative maintenance, routine change of occupancy work, and major repairs. This includes all operation and maintenance costs to the dwelling unit, appurtenant structures and other related area and facilities intended for the use of the general or flag officer. In those quarters designated as historical, major work is coordinated with the appropriate State Historic Preservation office. These quarters are identified as National Historic Register (NHR), or eligible to be on the National Historic Register (ELIG) or are in an Historical Thematic District (HTD).

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NAVY							2. DATE
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS						5. PROJECT NUMBER	
STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
<u>INSIDE THE UNITED STATES</u>							
<u>CALIFORNIA</u>							
CNB SAN DIEGO	NASNI A	4,000	6,100	49,900	(0)	60,000	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Major repairs include replace Spanish style tile roof and flashing around vents and chimney, remove asphalt on flat roof areas and replace garage door. (Year built: 1918; NSF: 3,900; NHR)</p>							
CNB SAN DIEGO	NASNI BC	4,200	3,900	48,700	(0)	56,800	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy maintenance to include partial interior paint and lead based paint abatement, replace living room and dining room carpet and replace lighting and plumbing fixtures. Major repairs include relocate stove, refrigerator, sink and replace kitchen cabinets, countertops and vinyl floor. (Year built: 1973; NSF: 2,582)</p>							
CNB SAN DIEGO	303 Silvergate	2,700	4,200	35,600	(0)	42,500	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes partial interior paint, carpet cleaning and minor repairs. Major repairs include replace irrigation system and landscaping repairs. (Year built: 1965; NSF: 1,852)</p>							
CNB SAN DIEGO	NAVMEDCTR B	4,000	4,300	27,900	(0)	36,200	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes partial carpet replacement and cleaning and complete interior paint. Major repairs include replace kitchen vinyl floor, replace formica countertops and lighting. (Year built: 1988; NSF: 2,159)</p>							

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STATE/ <u>INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	MAINT & RPR	HIST PRES	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
NAWS CHINA LAKE	Enterprise	1 1,400	1,600	52,300	(0)	55,300	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes partial interior paint, replace carpeting and refinish parquet floors. Major repairs include replace roof, replace hot water boiler and repair garage. (Year built: 1944; NSF: 2,750; NHR)</p>							
<u>DISTRICT OF COLUMBIA</u>							
NAVSTA WASHINGTON	WNY A	12,200	26,100	694,000 (113,000)	732,300	0	
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Major repairs include garage structural repairs, repair fire alarm system, replace slate roof, replace windows, replace exterior doors in kitchen, laundry and office wings, master and guest bath renovations, interior renovations, complete interior painting and lead paint removal, repair lightning protection, repair drainage and foundation waterproofing. Renovate second floor baths, replace basement doors and shelving, provide closet storage systems, renovate laundry room, restore bedrooms/remove closets, treat and paint basement walls, replace circulating pump and sump pump cover. Repair service court, 2nd and 3rd floor emergency/fire exit, relocate and enclose transformer, HVAC and electrical rooms. Replace windows on 3rd floor, office wings and laundry. (Year built: 1804; NSF: 8,940; HTD)</p>							
NAVSTA WASHINGTON	WNY C	9,300	4,700	98,800	(0)	112,800	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes partial interior painting, floor/carpet replacement and termite treatment. Major repairs include replace metal roof and exterior painting. (Year built: 1879; NSF: 3,200; HTD)</p>							

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<u>INSIDE THE UNITED STATES</u>							
NAVSTA WASHINGTON	WNY D	9,300	5,600	52,900	(0)	67,800	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes carpet replacement, partial interior painting and termite treatment. Major repairs include repairing plaster walls and moldings, damaged front door and hardware, replace saloon-type doors, repair front porch, replace railings and balusters, repair/replace roof flashing and replace screens. (Year built: 1879; NSF: 3,220; NHR)</p>							
NAVSTA WASHINGTON	WNY G	9,300	4,800	71,200 (15,000)	85,300	0	
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy maintenance. Major repairs include reseal and paint roof and paint exterior with lead base paint abatement. (Year built: 1880; NSF: 3,690; NHR)</p>							
NAVSTA WASHINGTON	BETHESDA A	9,300	5,900	100,900	(0)	116,100	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy to include interior painting with lead base paint abatement. Major repairs include renovation of master and guest bathrooms to replace vanities, sinks, medicine cabinets, mirrors and wall and floor tiles. Repair rear porch roof structure. Abate lead base paint on exterior masonry wall and window trim. (Year built: 1941; NSF: 3,064)</p>							
NAVSTA WASHINGTON	BETHESDA B	9,400	4,900	109,900	(0)	124,200	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy to include interior painting. Major repairs include renovation of master bath and powder room bathrooms to replace vanities, sinks, medicine cabinets, mirrors and wall and floor tiles, kitchen renovations to include replace cabinets, counter top, sink, dishwasher and garbage disposer, partial painting on interior wall trim. Repair rear porch roof structure and abate lead base paint on exterior masonry wall and window trim. (Year built: 1941; NSF: 3,805)</p>							

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<u>STATE/ INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
<u>FLORIDA</u>							
PWC PENSACOLA	4	5,300	5,300	224,500 (57,000)	235,100	0	
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes refinish hardwood floors downstairs, replace carpet upstairs, complete interior paint and replace screen doors. Major repairs consist of restoring windows, trim and hardware, repair hot and cold water plumbing, complete exterior painting including wood preparation and removal/disposal of lead base paint, and restoration of plaster and woodwork in one room and repair brick walkways. (Year built: 1874; NSF: 4,802; ELIG)</p>							
NAVSTA MAYPORT	547 Osbourne	1,800	3,400	79,700 (0)	84,900	0	
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes replace sun room floor, repair wall tile and grout, replace bathroom fixtures, medicine cabinet, light bars, clean carpets, replace closet doors, replace wallpaper and partial interior painting. Major repairs include replace heating/air conditioning systems, relocate return air for HVAC system, replace roof and repair exterior with stucco. (Year built: 1963; NSF 2,014)</p>							

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<u>INSIDE THE UNITED STATES</u>							
<u>HAWAII</u>							
COMNAVBASE 23 PEARL HARBOR MAKALAPA		11,800	5,700	31,900	(0)	49,400	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing and electrical repairs and replace carpet. (Year built: 1941; NSF: 2,741; ELIG)							
COMNAVBASE 28 PEARL HARBOR MAKALAPA		12,000	5,800	30,500	(0)	48,300	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes complete interior painting and carpet cleaning. Major repairs include replacement of linen cabinet sliding doors, replace shelving in baths 2, 3 and 4; replace powder room cabinet and countertop. (Year built: 1941; NSF: 2,600; ELIG)							
COMNAVBASE PEARL HARBOR 201 Marine Barracks		11,700	6,400	31,000	(0)	49,100	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes replace carpet. (Year built: 1911; NSF: 3,370; NHR)							

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<u>INSIDE THE UNITED STATES</u>							
<u>ILLINOIS</u>							
PWC GREAT LAKES	AA	3,800	11,800	136,900	(42,000)	152,500	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes carpentry, electrical, plumbing mechanical repairs, extensive plastering, priming, varnishing, interior painting and carpet replacement. Major repairs include plaster restoration and touch up painting, replace kitchen and pantry floor covering, repair basement walls, repair/replace storm windows, replace shutters, chemical clean brick, tuckpoint repairs, exterior paint and sealcoat driveway. (Year built: 1911; NSF: 8,923; NHR)							
<u>LOUISIANA</u>							
NSA NEW ORLEANS	A	7,000	8,900	152,900	(0)	168,800	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include minor electrical repairs, replace dishwasher and garbage disposal, relamp fluorescent fixtures, replace smoke detectors, repair ceramic tiles, patch wall cracks and complete interior painting. Major repairs include replace shutters, bath accessories, kitchen vinyl floor and underlayment; refinish wood framing, molding and all interior doors, replace all door hardware; replace bath threshold; repair interior and exterior masonry; replace vinyl wall covering; replace safety glass and provide emergency exit from bedrooms 2 and 3. (Year built: 1844; NSF: 6,483; ELIG)							
NSA NEW ORLEANS	D	6,000	5,900	81,900	(0)	93,800	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include minor electrical repairs, replace dishwasher and garbage disposal, adjust pocket doors; replace kitchen cabinets; replace front steps and porch deck; relamp fluorescent fixtures, replace smoke detectors, repair ceramic tiles, patch wall cracks and complete interior painting. Major repairs include replace all 31 windows with vinyl clad; replace water supplies to all stops; replace hot and cold piping; replace gas and sanitary piping systems and replace carport. (Year built: 1907; NSF: 3,205; ELIG)							

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<u>INSIDE THE UNITED STATES</u>							
NSA NEW ORLEANS	E	6,000	6,500	128,700	(0)	141,200	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include minor electrical repairs, replace dishwasher and garbage disposal, relamp fluorescent fixtures, replace smoke detectors, repair ceramic tiles, replace all vinyl flooring with new tile; replace wainscot tiles in bath; patch wall cracks and complete interior painting. Major repairs include replace all 36 windows with vinyl clad; replace exterior doors; replace water supplies to all stops; provide new stops at all fixtures and gas valve box; replace hot and cold piping; replace gas and sanitary piping systems; remove abandoned chimney, replace exterior doors; correct site drainage and paint porch columns. (Year built: 1907; NSF: 4,063; ELIG)</p>							
<u>MARYLAND</u>							
NAS PATUXENT RIVER	A	1,900	7,200	194,400	(0)	203,500	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include replace cabinets and countertops in kitchen and pantry, replace cabinets in library and hall #3, finish ceiling, remove asbestos tiles, replace bath accessories and sinks, replace carpet and vinyl flooring throughout. Repair fence, complete exterior painting, replace window shutters, light fixtures and complete interior painting. Major repairs include refinish 50 windows, replace hot water radiator units, replace interior wiring, cold and hot water piping and asbestos testing. (Year built: 1722; NSF: 10,000; ELIG)</p>							
<u>PENNSYLVANIA</u>							
NAVICP MECHANICSBURG	A	3,100	3,900	41,100	(0)	48,100	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include replace kitchen vinyl flooring, replace 1st floor carpet, repair interior wall cracks and interior painting. (Year built: 1947; NSF: 2,220)</p>							

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<u>INSIDE THE UNITED STATES</u>							
<u>TEXAS</u>							
NAS CORPUS CHRISTI SOQ 1		12,500	3,300	258,600 (80,000)	274,400	0	
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include repair/refinish ceiling and trim on 2nd floor; repair water damage in hall and porch on 1st floor; repair/refinish ceiling in bedroom #6; replace bathroom vanities and vinyl flooring in all 6 baths; replace carpet and pad in living room #2, stairway, 2nd floor hall, master bedroom and sunroom. Major repairs include replace kitchen and pantry cabinets; refinish wood flooring in living room, dining room, entry stairs, 1st floor hall and bedroom 1 and 2; repair and refinish trim throughout; complete interior and exterior paint including lead paint abatement and replace damaged wood; repair garage concrete floor and site work.</p> <p>(Year built: 1941; NSF: 5,573; NHR)</p>							
NAS CORPUS CHRISTI SOQ 11		8,400	4,200	85,200	(0)	97,800	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include minor repairs, replace carpeting, replace screen doors, replace vinyl floors in kitchen and bathrooms 1, 3 and 4, repair cracked kitchen walls and complete interior painting. Major repairs include replace roof. (Year built: 1941; NSF: 2,225; ELIG)</p>							
<u>VIRGINIA</u>							
CNB Heritage House NORFOLK A		7,600	6,200	171,600	(0)	185,400	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include minor plumbing, plaster, HVAC and mechanical system repairs. Major repairs consist of plaster repair and interior and exterior painting including lead based paint and asbestos abatement. Bathroom modernization's; repair/replace electrical system, repair damaged windows, replace damaged vinyl siding and deteriorated gutters and downspouts, replace antiquated bifold closet doors, enhance closet spaces; refinish wood floors; repair sub-flooring and joists. Remove existing roof over front entrance and add new columns and porch railings; replace 2 windows in the front exterior area. Repair patio, deteriorated fencing and storage area. Repair/replace driveway and walkways. (Year built: 1947; NSF: 2,524)</p>							

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<u>OUTSIDE THE UNITED STATES</u>							
CNB NORFOLK	Cornick House A-39	3,100	6,700	151,800	(0)	161,600	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes replace wall paper in kitchen and 4 bathrooms, replace carpet and lighting fixtures. Major repairs include lead base paint abatement, restore trim work, foundation and floor repairs, walls, refinish 42 windows, upgrade electrical, plumbing systems, gas piping and ductwork. Replace air handler and HVAC. Replace awnings, porches and roof. (Year built: 1907; NSF: 2880; ELIG)</p>							
CNB NORFOLK	E-A	7,600	8,500	142,600	(0)	158,700	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls and change of occupancy work to include minor plumbing, plaster, mechanical system repairs, recaulking and regROUTing bathrooms; partial carpet replacement. Major repairs include interior and exterior painting with lead base paint abatement, replace kitchen floor joists and vinyl flooring; repair siding and wall studs; restore trim, refinish and adjust windows and foundation repairs. (Year built: 1922; NSF: 2,184; ELIG)</p>							
CNB NORFOLK	E-B	3,100	7,300	45,900	(0)	56,300	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes replace wall paper in kitchen and bathrooms, upgrade bathrooms, replace carpet, kitchen and bath vinyl flooring, refinish wood floors in dining room and bedrooms, replace lighting fixtures. (Year built: 1922; NSF: 2,184; ELIG)</p>							

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<u>INSIDE THE UNITED STATES</u>						
CNB Missouri House NORFOLK F-32		4,100	8,900	387,800 (159,000)	400,800	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, and mechanical system repairs, recaulking and regROUTing bathrooms, replace light fixtures; interior and exterior painting and lead based paint and asbestos abatement. Major repairs include repair driveway/walkway; upgrade gas and water piping; upgrade wiring; renovate bathrooms; refinish dining room and bedroom wood floors and restore trim. Repair foundation, subflooring and joists; replace air handlers, HVAC, ductwork and humidifiers; replace wall siding and studs; replace awnings, columns and porches; replace gutters and downspouts; replace roof and repair trusses. (Year built: 1907; NSF: 9,415; NHR)</p>						
CNB Ohio House NORFOLK F-33E		4,100	6,000	157,400 (36,000)	167,500	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes refinish dining and bedroom wood floors, replace vinyl floors. Bathroom renovations include install diffusers and exhaust fans in Powder room. Bathroom #1 includes level floor and reset all cove base. Bathroom #2 includes replace vanity on south wall. Bathroom #4 includes replace shower, toilet, sink, door, lighting and install GFI outlets, level floor, replace drain lines and partition wall, refinish antique ball and claw tub. Major repairs include renovate second floor bathroom to replace ceramic floor tiles, vanity, medicine chest, light fixtures and accessories. Interior and exterior painting including lead base paint and asbestos abatement; replace awnings, porches and roof including shingles and flashing. Replace gutters and down spouts, repair attic truss; upgrade plumbing and wiring, replace air handlers and HVAC, ductwork and upgrade gas piping. (Year built: 1907; NSF: 4,008; NHR)</p>						
CNB Cheatham House NORFOLK M-101		3,100	6,700	69,400 (0)	79,200	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking and regROUTing bathrooms and interior painting. (Year built: 1918; NSF: 3,093; NHR)</p>						

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<u>INSIDE THE UNITED STATES</u>							
CNB Chevalier House NORFOLK SP-19		3,100	5,100	140,300	(0)	148,500	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes upgrade bathrooms, replace kitchen and bath vinyl floors and wall paper, replace carpet, lighting fixtures and interior paint including lead base paint and asbestos abatement. Major repairs include repair awnings, porches, driveway, walkway, fences, repair siding walls and brick work, refinish windows, restore trim work, repair foundation/floor, replace gutters and down spouts, upgrade wiring, gas piping and replace roof. Exterior paint with lead base paint and asbestos abatement and repair lightning protection system. (Year built: 1941; NSF: 2,376; ELIG)</p>							
CNB Ellyson House NORFOLK SP-20		3,100	5,400	135,700	(0)	143,500	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking and regrouting bathrooms and interior painting with lead base paint and asbestos abatement. Major repairs include renovate second floor bathroom to replace ceramic floor tiles, vanity, medicine chest, light fixtures and accessories. Electrical repairs include replace receptacles throughout, replace exterior light fixtures and repair electrical system in the living space, attic and crawl space. Exterior painting including lead base paint abatement and replace roof. (Year built: 1941; NSF: 2,026; ELIG)</p>							
CNB Read House NORFOLK SP-21		3,100	5,400	122,600	(0)	131,100	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking and regrouting bathrooms, interior painting with lead base paint and asbestos abatement. Major repairs include renovate second floor bathroom to replace ceramic floor tiles, vanity, medicine chest, light fixtures and accessories. Exterior paint and lead abatement and replace roof. (Year built: 1941; NSF: 2,026; ELIG)</p>							

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<u>INSIDE THE UNITED STATES</u>							
CNB Richardson House NORFOLK SP-22		8,100	5,000	138,100	(0)	151,200	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking, regrouting bathrooms, interior and exterior painting including lead base paint and asbestos abatement. Major repairs include renovate second floor bathroom to replace ceramic floor tiles, vanity, medicine chest, light fixtures and accessories and electrical system repairs. Replace awnings, porches and roof. (Year built: 1941; NSF: 2,026; ELIG)</p>							
CNB Towers House NORFOLK SP-23		3,100	5,100	64,700	(0)	72,900	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking, regrouting bathrooms, minor structural repairs to doors and windows, interior and exterior painting including lead base paint and asbestos abatement and replace carpet. Major repairs include replace roof. (Year built: 1941; NSF: 2026; ELIG)</p>							
CNB Mitscher House NORFOLK SP-24		3,100	6,600	60,600	(0)	70,300	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking, regrouting bathrooms, minor structural repairs to doors and windows and partial carpet replacement. Major repairs include replace roof. (Year built: 1941; NSF: 2,026; ELIG)</p>							

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3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS					5. PROJECT NUMBER		
STATE/ <u>INSTALLATION</u>	<u>QTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
CNB NORFOLK	McDonnell House SP-25	3,100	5,600	138,100	(0)	146,800	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes replace kitchen and bathroom vinyl flooring and wall paper, replace carpeting and light fixtures. Complete interior painting and lead base paint and asbestos abatement. Bathroom renovations include bathrooms 1 and 2 remove ceramic floor tile, level and replace with vinyl. Bathroom #3 install exhaust fan. Bathroom #4 replumb drain lines and replace tub hardware, install new faucets and shower kits, replace tub enclosure doors. Major repairs include driveway, walkway and fence repairs, exterior painting and lead abatement, repair awnings and porches; restore trim, foundation/flooring repair, replace roof, attic truss, gutters, wall repair, upgrade wiring and gas piping.</p> <p>(Year built: 1941; NSF: 2,026; ELIG)</p>							
CNB NORFOLK	Whiting House SP-26	3,100	5,800	139,300	(0)	148,200	0
<p>Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance and service calls. Change of occupancy maintenance includes minor plumbing, plaster, HVAC and mechanical system repairs, recaulking, regROUTING bathrooms, minor structural repairs to doors and windows, partial carpet replacement and interior painting with lead base paint and asbestos abatement. Major repairs include renovate bathroom to replace ceramic floor tiles, vanity, medicine chest, light fixtures and accessories. Replace awning, porches and roof. (Year built: 1941; NSF: 2,028; ELIG)</p>							

1. COMPONENT NAVY	FY 1999 MILITARY CONSTRUCTION PROJECT DATA				2. DATE		
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS				5. PROJECT NUMBER			
STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	HIST PRES	TOTAL	IMPROVS
<u>OUTSIDE THE UNITED STATES</u>							
<u>MARIANAS ISLANDS</u>							
CNB GUAM	4 Flag Circle	2,200	6,700	75,600	(0)	84,500	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls. Change of occupancy maintenance includes complete carpet replacement, complete interior painting, replace five atrium area exterior doors, replace two entrance area French doors, replace exterior light fixtures throughout and maintenance of storm shutters. Major repairs include repair/replace 30 windows, install paver tiles at patio and repair garage roofing system.							
<u>ITALY</u>							
NSA NAPLES	Villa Nike	7,500	49,700	35,000	(0)	92,200	0
Operations consist of management, services, and furnishings. Maintenance and repairs include routine recurring maintenance, service calls, replace three window A/C units, touch up interior paint, minor plumbing and electrical repairs.							

1. COMPONENT MARINE CORPS	FY 1999 MILITARY CONSTRUCTION PROJECT DATA				2. DATE		
3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES							
4. PROJECT TITLE GENERAL AND FLAG OFFICER QUARTERS				5. PROJECT NUMBER			
<u>STATE/ INSTALLATION</u>	<u>OTRS ID</u>	<u>OPS</u>	<u>UTIL</u>	<u>MAINT & RPR</u>	<u>HIST PRES</u>	<u>TOTAL</u>	<u>IMPROVS</u>
<u>INSIDE THE UNITED STATES</u>							
<u>DISTRICT OF COLUMBIA</u>							
MARBKS 8th and I	6	21,763	25,377	61,000	(0)	108,140	0
<p>Operations consist of management, services and furnishings. Maintenance and repairs include routine recurring maintenance, change of occupancy, interior paint and projects to replace the existing passenger elevator (\$29,000) and replace the basement stairs (\$12,000). The existing passenger elevator was installed in 1944 and is nonworking at this time. American Disabilities Act requires that buildings open to public tours, that have multiple stories, have an elevator that meets the accessibility needs of the physically challenged. The requirement to replace the basement stairs is related to structural problems due to age, use, and deterioration. This is home to the Commandant of the Marine Corps and a Special Command Position. It is used regularly for entertainment and public tours. It is a three story unit with 5 bathrooms and 5 bedrooms. (Year built: 1810; NSF: 15,605; NHR).</p>							

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DEPARTMENT OF THE NAVY
 FAMILY HOUSING - FY 1999 BUDGET ESTIMATE
NAVY AND MARINE CORPS LEASING

(In Thousands)

FY 1999 Program \$135,079
 FY 1998 Program \$124,507

Purpose and Scope

This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

Program Summary

	FY 1997			FY 1998			FY 1999		
	Yr End Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)	Auth Units	Avg Units	Cost (\$000)
Domestic	964	865	11,963	3,183	1,509	20,985	3,183	1,515	21,075
Navy	(839)	(740)	(10,272)	(3,058)	(1,384)	(19,385)	(3,058)	(1,390)	(19,446)
MarCps	(125)	(125)	(1,691)	(125)	(125)	(1,600)	(125)	(125)	(1,629)
801	3,014	3,014	42,691	5,347	3,014	43,247	5,347	3,014	43,057
Navy	(2,414)	(2,414)	(34,148)	(4,747)	(2,414)	(34,682)	(4,747)	(2,414)	(34,277)
MarCps	(600)	(600)	(8,543)	(600)	(600)	(8,565)	(600)	(600)	(8,780)
Foreign	1,541	1,568	53,877	4,229	1,977	60,275	4,229	2,471	70,947
Total-DON	5,519	5,447	108,531	12,759	6,500	124,507	12,759	7,000	135,079

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801, military construction (MILCON) units, and homes undergoing revitalization come on line.

Section 801 of the FY 1984 Military Construction Authorization Act (PL 98-115) authorized the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program was made permanent and codified as Section 2835 of Title 10, United States Code, in FY 1992. The Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units), Staten Island, NY (1,000 units), Washington, DC (600 units), Washington, DC (Summerfield-414 units), Port Hueneme/Point Mugu, CA (300 units), Pensacola, FL (300 units), and Twentynine Palms, CA (600 units). The Staten Island, NY (1,000 units) project was terminated due to base closure.

Domestic Leasing Fiscal Year Summary:

FY 1997 - The domestic lease program consists of 3,978 units requiring funding of \$54.654 million. Funding in the amount of \$42.691 million provides full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, Port Hueneme and Twentynine Palms. The remaining \$11.963 million is required to support domestic short term leases in New London, CT; Norfolk, VA; San Diego, CA; Everett and Whidbey Island, WA; Mayport, FL; and, NAS Corpus Christi, TX.

FY 1998 - The domestic lease program consists of 4,623 units requiring funding of \$64.232 million. Funding in the amount of \$43.247 million provides full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, Port Hueneme and Twentynine Palms. The remaining \$20.985 million is required to support domestic short term leases in New London, CT; Norfolk, VA; San Diego, CA; Everett and Whidbey Island, WA; Mayport, FL; NAS Corpus Christi, TX; and, includes \$7.412 million for 550 leases for recruiters at locations which are not supported by a military installation and where housing allowances are inadequate.

FY 1999 - The domestic lease program consists of 4,545 units requiring funding of \$64.132 million. Funding in the amount of \$43.057 million provides full funding for Section 801 projects at Earle, Norfolk, Mayport, Washington, DC, Pensacola, Port Hueneme and Twentynine Palms. The remaining \$21.075 million is required to support domestic short term leases in Norfolk, VA; San Diego, CA; Everett and Whidbey Island, WA; Mayport, FL; NAS Corpus Christi, TX; and, includes \$8.215 million for 598 leases for recruiters at locations which are not supported by a military installation and where housing allowances are inadequate. Request reflects termination of leases at San Diego, New London and Norfolk due to reduced requirements.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

The FY 1997 unit authorization consists of 4,229 units and funding for 1,635 of those units. The authorization difference of 2,594 is to support lease initiatives at Naples, Gaeta, LaMaddalena and Sigonella, Italy, that do not require funding until FY 1998.

The FY 1998 unit authorization consists of 4,229 units and funding for 2,326 of those units. The authorization difference of 1,903 is to support lease initiatives at Naples, Gaeta, LaMaddalena and Sigonella, Italy, that do not require funding until FY 1999.

The FY 1999 unit authorization consists of 4,229 units and funding for 2,788 of those units. The authorization difference of 1,441 is to support lease initiatives at Naples and Sigonella, Italy, that do not require funding until FY 2000.

Reconciliation of Increases and Decreases:

1. FY 1998 Budget Request	124,507
2. Pricing Adjustment	2,615
a. Inflation	(2,615)
3. Program Increases	10,694
a. New units coming on line at Everett, LaMaddalena, Gaeta, Naples and Sigonella	(10,694)
4. Program Decreases	-2,737
a. Termination of San Diego, New London, Norfolk and Rota leases	(-2,737)
5. FY 1999 Budget Request	135,079

FAMILY HOUSING, DEPARTMENT OF THE NAVY
 (Other than Section 801 and Section 802 Units)
FY 1999

Location	FY 1997			FY 1998			FY 1999		
	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)	Units Authorized	Lease Months	Cost (\$000)
<u>DOMESTIC LEASING</u>									
<u>Navy</u>									
PWC San Diego, CA	280	3,360	3,477	298	3,360	3,800	300	2,640	3,026
NSB New London, CT	70	720	616	70	600	491	0	0	0
NS Mayport, FL	100	1,200	1,394	100	1,200	1,422	100	1,200	1,451
NAS Corpus Christi, TX	100	1,200	1,250	100	1,200	1,278	100	1,200	1,305
PWC Norfolk, VA	208	1,500	1,348	208	1,500	1,365	208	1,455	1,383
NS Everett, WA	75	888	1,004	144	1,366	1,942	144	1,420	2,223
NAS Whidbey Island, WA	100	1,131	1,183	135	1,550	1,676	135	1,620	1,844
Recruiters, Var Loc	0	0	0	550	6,600	7,412	598	7,176	8,215
Marine Corps									
San Diego, CA	125	1,500	1,691	125	1,500	1,600	125	1,500	1,629
TOTAL DOMESTIC LEASES	1,058	11,499	11,963	1,730	18,876	20,985	1,710	18,211	21,075

FAMILY HOUSING , DEPARTMENT OF THE NAVY
 (Other than Section 801 and Section 802 Units)
FY 1999

Location	FY 1997			FY 1998			FY 1999		
	Units	Lease	Cost	Units	Lease	Cost	Units	Lease	Cost
Location	Authorized	Months	(\$000)	Authorized	Months	(\$000)	Authorized	Months	(\$000)
FOREIGN LEASES									
Athens	1	12	30	1	12	32	1	12	33
Bahrain	1	12	106	1	12	89	1	12	81
Bangkok	7	59	220	7	66	256	7	72	280
Cairo	30	348	1,102	30	360	1,241	30	360	1,359
Dubai	1	12	59	1	12	48	1	12	65
Edzell	102	153	451	0	0	0	0	0	0
Gaeta	106	552	1,042	96	852	1,454	96	927	1,521
Hong Kong	6	36	301	6	36	265	6	36	289
Jakarta	15	168	673	15	138	598	15	144	617
LaMaddalena	484	2,148	5,306	375	2,754	5,523	375	3,033	7,254
Lisbon	1	12	88	1	12	91	1	12	93
London	3	36	228	3	36	243	3	36	244
Manila	6	36	280	6	36	310	6	36	326
Naples	1,963	6,540	27,739	1,974	10,542	28,088	1,974	15,234	30,282
New Delhi	1	12	42	1	12	68	1	12	78
Oslo	1	12	27	1	12	29	1	12	31
Rome	3	33	80	10	120	378	10	120	395
Rota	488	2,034	4,532	200	1,596	3,000	200	864	1,732
Sigonella	1,009	5,646	11,548	1,500	6,777	18,536	1,500	8,700	26,240
Souda Bay	1	12	27	1	12	27	1	12	27
TOTAL FOREIGN LEASES	4,229	17,873	53,877	4,229	23,397	60,275	4,229	29,646	70,947
GRAND TOTAL	5,287	29,372	65,840	5,959	42,273	81,260	5,939	47,857	92,022

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DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 1999 BUDGET
DEBT PAYMENT
(Thousands of Dollars)

	FY 1997 NAVY	FY 1998 NAVY	FY 1999 NAVY
<u>TOA</u>			
INTEREST & OTHER EXPENSES:			
SERVICEMEN'S MORTGAGE INS.			
PREMIUMS	78	76	74
TOTAL OBLIGATING AUTHORITY	78	76	74
BUDGET AUTHORITY	78	76	74

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 1999 BUDGET
DEBT PAYMENT
(Thousands of Dollars)

	FY 1997 Marine Corps	FY 1998 Marine Corps	FY 1999 Marine Corps
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TOA

INTEREST & OTHER EXPENSES:

SERVICEMEN'S MORTGAGE INS.

PREMIUMS	2	2	2
TOTAL OBLIGATING AUTHORITY	2	2	2
BUDGET AUTHORITY	2	2	2

DEPARTMENT OF THE NAVY
FAMILY HOUSING, NAVY
FY 1999 BUDGET

SERVICEMEN'S MORTGAGE INSURANCE PREVIUMS

In accordance with authority contained in Section 222 of the Housing Act of 1954, as amended, this program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for mortgages on housing purchased by military personnel on active duty and for continuing payments in those cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. In the latter case, payments extend for a period of two years beyond the date of the serviceman's death or until the date the widow disposes of the property, whichever occurs first. With the discontinuance of Section 222 Mortgages as of 31 March 1980, the Department of Housing and Urban Development stopped processing applications for SMIP.

	FY 1997 NAVY	FY 1998 NAVY	FY 1999 NAVY
Number of Mortgages	557	542	528
Average Payment	\$140	\$140	\$140
Total Payment	\$78,000	\$76,000	\$74,000

DEPARTMENT OF THE NAVY
FAMILY HOUSING, MARINE CORPS
FY 1999 BUDGET

SERVICEMEN'S MORTGAGE INSURANCE PREVIUMS

In accordance with authority contained in Section 222 of the Housing Act of 1954, as amended, this program provides for the payment of premiums due on mortgage insurance provided by the Federal Housing Administration for mortgages on housing purchased by military personnel on active duty and for continuing payments in those cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. In the latter case, payments extend for a period of two years beyond the date of the serviceman's death or until the date the widow disposes of the property, whichever occurs first. With the discontinuance of Section 222 Mortgages as of 31 March 1980, the Department of Housing and Urban Development stopped processing applications for SMIP.

	FY 1997 MARINE CORPS	FY 1998 MARINE CORPS	FY 1999 MARINE CORPS
Number of Mortgages	13	13	13
Average Payment	\$154	\$154	\$154
Total Payment	\$2,000	\$2,000	\$2,000